

..Title

Appointments to the Historic Preservation Board, Development Review Board and Gainesville/Alachua County Regional Airport Authority (B)

..Recommendation

The City Commission discuss appointments to the Historic Preservation Board, Development Review Board and Gainesville/Alachua County Regional Airport Authority and take appropriate action.

0804AC01

160234

DEVELOPMENT REVIEW BOARD APPOINTMENT BALLOT

Openings: One (1) Opening – (City Residency Required)
Applications: Three (3) Applications

PLEASE INITIAL YOUR SELECTION

NAME OF APPLICANT	Comm. Carter	Comm. Hayes-Santos	Comm. Goston	Mayor Poe	Comm. Budd	Comm. Chase	Comm. Warren
Barbara Vandermeer (8/4/16 – 11/1/19)							
Ewen Thomas (8/4/16 – 11/1/19)							
Allison Reagan (8/4/16 – 11/1/19)							
READVERTISE FOR ADDITIONAL APPLICANTS							

Profile

barbara
First Name

g
Middle Initial

vandermeer
Last Name

bjvmeer@gmail.com
Email Address

1831 ne 7th terrace
Street Address

Suite or Apt

gainesville
City

FL
State

32609
Postal Code

District 2
Ward

Home: (860) 534-0405
Primary Phone

Home:
Alternate Phone

retired
Employer

Job Title

Which Boards would you like to apply for?

Development Review Board

Are you applying for Empowerment Center Oversight Advisory Board?

Yes No

Are you an Alachua County Resident?

Yes No

Cell

Primary Phone Type

Interests & Experiences

Why are you interested in serving on a board or commission?

I have been a member of our Board of Adjustment for several years and enjoy it thoroughly! By such volunteerism, I am able to provide some small service to our community, to meet delightful people, and to learn about new things

[Resume 3-29-16_City_Gainesville.docx](#)

Upload a Resume

Please upload a file

Demographics

Caucasian/Non-Hispanic

Ethnicity

Female

Gender

Are you a City of Gainesville Employee?

Yes No

Are you a City of Gainesville Intern?

Yes No

Are you currently on a City Advisory Board/Committee?

Yes No

If yes, which Advisory Board/Committee?

Resume: Barbara 'BJ' VanderMeer, PhD

1831 NE 7th Terrace, Gainesville, FL, 32609 BJVMeer@gmail.com 860-534-0405

Education & Training

- M.B.A. University of Alabama, traditional program, honors with concentration in Mediation/Dispute Resolution , 2003
M.Div. Emory University, Honors Master of Divinity, 1989
Ph.D. University of Alabama, Administration and Educational Leadership, 1982
M.A. University of Alabama, English/Secondary Education, 1978
B.S. University of Alabama, Psychology and English, 1974

- Enneagram Institute 2011-present
Biodanza, Nia, and Interplay--movement programs 2011-2012
"Music for People" 2010-2013
Nonviolent Communication Training, 200 hours 2007-2010
City Leadership Programs (4 cities) 2013, 2006, 2004, 1989
Lessac Theatre Training, 2 month Summer Intensive, University of Florida, 2005
Domestic and Organizational Mediation Training: Alabama, Georgia, Massachusetts 2002-2003
Trauma and Thanatology Counseling Certification, University Alabama 2001
Wilderness Training Programs: Outward Bound, 2000; Vision Quest, 1995
Change Management Training, 50 hours, Boston, 2000
Religions of South America Study Program, Four Winds Society, California 1998-2000
Clinical Pastoral Education, 5 semester residency, Alabama hospitals 1987, 1989-1990
Spiritual Director Credentialing, Scarrett College, Nashville 1986-1988

Work Experience

- Present Tax Professional, H&R Block
- 2010-2011 instructor in Eastern Religions, Hartford Seminary, Hartford, Ct
2006-2011 minister, Unitarian Society of Hartford, Ct.
- 1996-2006 Director of "Great Occasions"
—consultation with 5 congregations and several hospitals, universities, seminaries, hospice organizations, city government, and a public speakers bureau to provide:
- pastoral ministry, chaplaincy, spiritual direction, grief and bereavement counseling, organizational consultation, and study travel leadership (with focus on my academic work with "pilgrimage")
to:
Tibet, Nepal, India, Hong Kong, China—major Eastern cities and Xin Jiang province, Peru, Israel, Jordan, Egypt, Syria, Kazakhstan, Uzbekistan, Russia, Siberia, Mongolia, Ireland, England, Costa Rica, Morocco, Turkey, Japan, Greece, Mexico, U.S. Virgin Islands, Spain, Kenya, and Tanzania.
- 1989-1995 full time instructor of World Religions, University, AL

Activities

Current/Gainesville

- Member, City of Gainesville Board of Adjustment
- Volunteer Tax Preparation—AARP
- Friends of the Library volunteer
- Association for Conflict Resolution
- Spiritual Directors International

Previous/Other Locations

- Alabama Bar Association's Registered Mediator Roster, Tuscaloosa, AL
- Unitarian Universalist Association, Clergy Credentialing Team, Hartford, CT
- Director, The Mayor's Ethics Task Force, Key West, FL
- Internship with Sirote and Permute Legal Mediation Center, Birmingham, AL
- Toastmasters International, Bloomfield, CT

Profile

Ewen

First Name

M

Middle
Initial

Thomson

Last Name

ewenthom@gmail.com

Email Address

3215 NW 17th Street

Street Address

Suite or Apt

Gainesville

City

FL

State

32605

Postal Code

District 2

Ward

Home: (352) 373-3485

Primary Phone

Home: (

Alternate Phone

Marine Lightning Protection

Employer

President

Job Title

Which Boards would you like to apply for?

Development Review Board

Are you applying for Empowerment Center Oversight Advisory Board?

Yes No

Are you an Alachua County Resident?

Yes No

Home

Primary Phone Type

Interests & Experiences

Why are you interested in serving on a board or commission?

The Development Review Board provides final review in areas that are crucial to the development of Gainesville into a city that is befitting its role as the home to a major university, an attractive center for the innovation economy, and a vibrant, healthy and community-oriented place to live and work. The existing codes define the requirements for this vision to be implemented. I would like to make sure that these codes, and the intent of these codes, are followed.

[ThomsonResume.pdf](#)

Upload a Resume

Please upload a file

Demographics

Caucasian/Non-Hispanic

Ethnicity

Male

Gender

Are you a City of Gainesville Employee?

Yes No

Are you a City of Gainesville Intern?

Yes No

Are you currently on a City Advisory Board/Committee?

Yes No

MTPO

If yes, which Advisory Board/Committee?

Ewen Thomson

3215 NW 17th Street, Gainesville, FL 32605 | (352) 373 3485 | ewenthom@gmail.com

Objectives

- To help implement policies that foster healthy and vibrant communities through promotion of active transportation, cultural activities, green spaces, innovation, and social interactions.
- To ensure that the City of Gainesville Land Development Regulations, Comprehensive Plan, and other pertinent regulations are followed, particularly in respect to bike/ped connectivity, transit availability, appropriate mixed use development in special areas, tree canopy conservation, environmental protection, East Gainesville redevelopment, and preservation of historic or iconic features.

Skills & Abilities

PLANNING

- The skills acquired as student, teacher, researcher and product developer using physics and electrical engineering principles are also useful for analyzing needs and developing logical plans to implement solutions based on established regulations.
- Involvement in groups such as FroGHat, GCAT, MTPo CAC, GCC, has provided exposure to many different perspectives on active transportation, and particularly bike facility needs and problems.

COMMUNICATION AND LEADERSHIP

- Teaching at the University of Papua New Guinea and University of Florida, and presenting technical seminars have provided valuable experience in public speaking.
- Chairing meetings for FroGHat when president required organizational and leadership skills.
- Involvement in standards development on the National Fire Protection Association for Lightning Protection has provided insight into legal language use, code structure, and the dynamics of code revision.

Civic Experience

MEMBER | MTPo CITIZENS ADVISORY COMMITTEE | 2006-PRESENT

- CAC provides transportation-related recommendations to MTPo

DIRECTOR | GAINESVILLE CITIZENS FOR ACTIVE TRANSPORTATION | 2013-PRESENT

- Advocacy for active transportation

MEMBER | 100 MILES TEAM CITY OF GAINESVILLE | 2015-PRESENT

- Planning for connector trails in Gainesville region in collaboration with Public Works staff.

PRESIDENT | FRIENDS OF GAINESVILLE HAWTHORNE TRAIL | 2000-2008

- FroGHat was a Citizen Support Organization for the Gainesville-Hawthorne Trail, with tasks of maintaining the Hawthorne Trail and establishing a vegetated trail head at Hawthorne.

Education

PH.D. | 1985 | UNIVERSITY OF QUEENSLAND

- Major: Electrical Engineering

M.SC. | 1973 | UNIVERSITY OF AUCKLAND

- Major: Physics

B.SC. | 1971 | UNIVERSITY OF AUCKLAND

- Majors: Physics, mathematics

Professional Experience

PRESIDENT | MARINE LIGHTNING PROTECTION | 2001-PRESENT

- Business owner, product developer, consultant and expert witness on marine lightning protection.

PRINCIPAL ON TECHNICAL COMMITTEE FOR LIGHTNING PROTECTION | NATIONAL FIRE PROTECTION ASSOCIATION | 2014-PRESENT

- Expert member for lightning protection standard NFPA 780.

ASSOCIATE PROFESSOR | UNIVERSITY OF FLORIDA | 1981-2003

- Lightning researcher and lecturer in Department of Electrical Engineering

LECTURER | UNIVERSITY OF PAPUA NEW GUINEA | 1973-1980

- Physics teacher and lightning researcher.

Profile

Allison
First Name

J
Middle
Initial

Reagan
Last Name

allireag2013@ufl.edu
Email Address

1000 SW 62nd Blvd
Street Address

Apt 1132
Suite or Apt

Gainesville
City

FL
State

32607
Postal Code

District 3
Ward

Mobile: (703) 989-8069
Primary Phone

Home:
Alternate Phone

Employer

Job Title

Which Boards would you like to apply for?

Development Review Board

Are you applying for Empowerment Center Oversight Advisory Board?

Yes No

Are you an Alachua County Resident?

Yes No

Cell

Primary Phone Type

Alternate Phone Type

Interests & Experiences

Why are you interested in serving on a board or commission?

I am currently on the DRB as a student adjunct member. I would love the opportunity to serve as a member with voting ability.

[AllisonReagan_Resume_2016.docx.docx](#)

Upload a Resume

Please upload a file

Demographics

Caucasian/Non-Hispanic

Ethnicity

Female

Gender

Are you a City of Gainesville Employee?

Yes No

Are you a City of Gainesville Intern?

Yes No

Are you currently on a City Advisory Board/Committee?

Yes No

If yes, which Advisory Board/Committee?

Allison J Reagan
allireag2013@ufl.edu • (703)989-8069

EDUCATION

University of Florida (UF)

Bachelor of Science (B.S.) in Sustainability and the Built Environment, UF GPA: 3.85, Expected Graduation: April 2017

Masters of the Arts (M.A.) in Urban and Regional Planning, Expected Graduation: April 2018

Member of the UF Honors Program, Recipient of Florida Bright Futures Scholarship,
Dean's List Fall 2013, 2014 & 2015, and Spring 2013

Florence University of the Arts (FUA); Florence, Italy; Spring 2015

Awards: UFIC Study Abroad Scholarship

Specialized Courses: Site Analysis, LEED Lab, Survey of Planning Information Services (GIS)

EMPLOYMENT

Littlejohn, May -August 2016

Planning Intern

Working as a planning intern for a multidisciplinary private consulting firm. Working on a wide variety of projects making maps, collecting data, and working on development agreements, such as the Oviedo's Downtown Master Plan and St. Augustine Traffic & Transportation Plan.

Starbucks, August – December 2014 & September - April 2015

Barista

I work a variety of jobs including cash register and the handoff station . My number one priority while working at Starbucks is ensuring customer satisfaction.

Eagle Landing Development Resident Services, May – August 2015 & May – August 2014

Part-Time Employee

Primarily worked front desk for neighborhood gym and pool. Principal responsibilities include: checking in guests, enforcing company policies, managing guest and tennis fees, reserving courts, maintenance of building and gym equipment. In addition, I served as a camp counselor and supported holiday events to include setting up poolside activities for the residents.

University of Florida Bookstore, January, February 2014

Temporary Employee

Worked in the textbook and receiving/shipping departments. Served as a general associate for customers. Organize and shelve books using Follett system to track orders and shelve texts and other online purchases.

INVOLVEMENT/ EXPERIENCE

Students for New Urbanism, January 2014 - Present

Co-Director of Tactical Urbanism Committee (TUC)

TUC focuses on creating projects that garner citizens' and students' attention about how our public spaces could be used and to encourage New Urbanism principles. Examples include guerilla gardening projects, pop-up parks, and spraying sharrows in designated bike lanes.

Citizen Review Boards, January 2016 - Present

Student Seat

Historic Preservation Board

Development Review Board

Florida Community Design Center, August 2015 - Present

Intern

Work with fellow students at UF to propose the development of future pedestrian/bike paths in areas of Gainesville. Includes Preparation of Public Presentation.

I.D.E.A.S. (Intellectual Decisions on Environmental Awareness Solutions), August 2013 - April 2014

Member

Aided in fundraising and attended environmental action conference **PowerShift**, in Pittsburgh, PA.

COMMUNITY SERVICE

St. James Food Bank, Florence, Italy, February 2015 - May 2015

Prepared tables and helped hand out food and clothing to the needy every Thursday morning

Allison J Reagan
allireag2013@ufl.edu • (703)989-8069

Community Garden, Florence, Italy, February 2015 - May 2015

Worked in a community garden with other volunteers of the Florence neighborhood and surrounding community.

SKILLS AND QUALIFICATIONS

Experience with iPhone, Macintosh and Windows, Microsoft Office Software, Twitter, Facebook, Instagram, ArcGIS, SketchUp, and basic Photoshop on Macintosh.

GAINESVILLE/ALACHUA COUNTY REGIONAL AIRPORT AUTHORITY APPOINTMENT BALLOT

Openings: Three (3) Openings – (City Residency Not Required)
Applications: Six (6) Applications

PLEASE INITIAL YOUR SELECTION

NAME OF APPLICANT	Comm. Carter	Comm. Hayes-Santos	Comm. Goston	Mayor Poe	Comm. Budd	Comm. Chase	Comm. Warren
William Smith (8/4/16– 7/31/19)							
Winifred Philips (8/4/16– 7/31/19)							
David Norton * seeking reappointment (8/4/16– 7/31/19)							
Peter Johnson (8/4/16– 7/31/19)							
Grace Horvath (8/4/16– 7/31/19)							
William Breeze (8/4/16– 7/31/19)							
READVERTISE FOR ADDITIONAL APPLICANTS							

City of Gainesville
APPLICATION FOR ADVISORY BOARDS/COMMITTEES
 (Please Print or Type)

BOARDS APPLYING FOR:

NAME: William R Breeze
 ADDRESS: 2611 NE 57 Blvd
 CITY, ST: Gainesville, FL ZIP 32609
 PHONE: (HOME) 352-371-1017 (BUSINESS) _____
 OCCUPATION/POSITION: NA
 EMPLOYER: NA

1) Gainesville Airport Auth
 2) _____
 MEETING DATE ATTENDED:
 1) None Recent
 2) _____

ARE YOU A CITY OF GAINESVILLE EMPLOYEE? YES ___ NO
 IF YOU ARE A CITY OF GAINESVILLE EMPLOYEE, WHAT DEPARTMENT DO YOU WORK FOR: _____

Training/Experience related to Board(s)/Committee(s) to which appointment is being sought: _____
Two Terms on Airport Board Expiring 2012
Private Pilot License Multi Engine Rating
Dir of Public Relations N. Fla District Air Florida

EDUCATIONAL BACKGROUND			PROFESSIONAL ORGANIZATIONS
COLLEGE/HIGHER EDUCATION	GRAD?	DEGREE	
SANTA FE College	Y	A.S.	
THOMAS EDISON STATE Coll	Y	BA Public Ad	
CALIE STATE UNIV Don Hills	Y	MA History	
High School: <u>SPHS</u>	N	Location:	

REFERENCES		
NAME		PHONE NUMBER
1) <u>PERRY McGRIF</u> <u>Former Mayor</u>		<u>376 3030</u>
2) <u>Pepeen HARRAHAN</u>	<u> </u>	<u>377 7960</u>
3) <u>Richard Jones</u>	<u> </u>	<u>372 4263</u>

Please indicate any contact made with City Commission members concerning this application				
	Appointment	Phone Call	E-mail	Other/Comments
Mayor Ed Braddy				
Commissioner C. Goston				
Commissioner T. Warren				
Commissioner R. Wells				
Commissioner S. Carter				
Commissioner T. Chase				

Commissioner H.
Budd

DEMOGRAPHIC INFORMATION
(Voluntary)

RACE: African American White Asian American Hispanic American Other
SEX: Male Female

Have you ever been convicted of an Ordinance or Statute other than a minor traffic violation?
If YES, please explain:

YES NO

Disturbing The Peace in 1960's

Reside Within City of Gainesville City Limits? YES NO

Are you a "relative" of a member of the City Commission? YES NO

Section 112.3135, Florida Statutes defines "relative" as an individual who is related to the public official as father, mother, son, daughter, brother, sister, uncle, aunt, first cousin, nephew, niece, husband, wife, father-in-law, mother-in-law, son-in-law, daughter-in-law, brother-in-law, sister-in-law, stepfather, stepmother, stepson, stepdaughter, stepbrother, stepsister, half brother, or half sister."

William R. Breay 1-18-16
Signature Date

FOR CLERK'S OFFICE OFFICIAL
DATE/TIME STAMP
16 MAR -9 AM 10:16

**GAINESVILLE/ALACHUA COUNTY REGIONAL AIRPORT
AUTHORITY CERTIFICATION OF APPLICATION FOR MEMBERSHIP**

This is to certify that I, William Breeze, am aware of and am in compliance with the membership requirements of sections of the State Legislation 86-469 which established the Gainesville/Alachua County Regional Airport Authority:

Section 2, Paragraph 10:

“Person” means any individual, firm, partnership, corporation, company, association, joint stock association, or body politic; and includes any trustee, receiver, assignee, or other similar representative thereof.

Section 3, Paragraph 2:

MEMBERSHIP: The powers of the authority shall be vested in its members in office from time to time. There shall be nine members. As a condition of eligibility for appointment and to hold office, each member shall reside within the city or county. No person shall serve as a member of the authority and, at the same time, hold any publicly elected office in the State of Florida.

Section 3, Paragraph 4(b):

All members shall serve three-year terms of office beginning on August 1 and expiring on July 31 of the appropriate year.

Section 3, Paragraph 8 (a)(b):

RESTRICTIONS:

- (a) No person who has transacted business with the authority shall be eligible for appointment to the authority until three (3) years after the last transaction. No person who has served on the authority shall be eligible to transact business with the authority until three (3) years after his last date of service. Said transactions include transactions either for oneself, or as an employee of, agent for, or consultant to any other person or legal entity. However, nothing in this paragraph shall be construed as prohibiting an appointed member from purchasing supplies or services from any fixed-base operators or tenants at the airport or airport industrial park
- (b) No member, officer, agent, or employee of the authority, either for himself, or as an agent for anyone else, or as a stockholder or owner in any other legal entity, shall participate in or benefit directly or indirectly from any sale, purchase, lease, franchise, contract, or other transaction, entered into by the authority or the city. The provisions of this paragraph shall be cumulative to any general laws of the

state which may from to time be applicable to members, officers, agents, or employees of the authority and which require the disclosure of, or prohibit, conflicts of interest.

I, HEREBY CERTIFY that I am in full compliance with the restrictions set forth in Section 86-469, Laws of Florida, and I am eligible to be considered for appointment to the Gainesville/Alachua County Regional Airport Authority, and that I retain a copy of these restrictions/requirements.



Signature

2-18-16

Date

This supplement to the Gainesville/Alachua County Regional Airport Authority application is required to be included with the application before it can be submitted to the City Commission for consideration. Please fill in your name, print, sign and date this supplemental, attach it to your application and mail to:

Clerk of the Commission
Airport Supplemental
P.O. Box 490-18
Gainesville, FL 32602-0490

Remember to retain a copy for your records.

APPLICABLE EXPERIENCE

WILLIAM BREEZE

FOR GAINESVILLE REGIONAL AIRPORT AUTHORITY

**Private Pilots License, Multi-engine and Seaplane ratings
(Rated Civil Air Patrol Command Pilot)**

**Former Alachua County Civil Defense (now Emergency
Management) Director of Air Operations**

**Former Director of Public Relations, Gainesville Station, Air
Florida Airline**

**Former Public Information Representative, Golden Isles Airline
Gainesville Area**

**Two terms on Airport Authority (appointed by City Commission
ended 2012)**

Former Civil Air Patrol Air Search Coordinator, N.FL & S.GA

Former aircraft owner based at GNV



1. What is your current address:

At what phone number(s) may you be reached?

7611 NE 57 Blvd
Gainesville FL
32609

352 371 1017

2. Has anyone moved in or out of your home since your last review? If so, please providing the following:

Name	Relationship	SSN	Date of Birth	Sex	US Citizen?	Blind or Disabled?	Is this person In your home now?
N/A							

3. Please list all income for all people living in your home. Income is money received such as wages, tips, Social Security, SSI, unemployment, workers compensation, pensions, veteran's benefits, child support, estate/trust income, and money from another person.

Who Receives the Income?	Type of Income	Amount Before Deductions	How Often is This Income Received?	Source of Income or Name of Employer and Phone Number
William Breeze	VA Pensions	817	Monthly	U.S. DEPT OF VETERANS AFFAIRS
	SS	256	Monthly	SOCIAL SECURITY

4. Please list household expenses (mortgage, rent, utilities, property taxes, condo maintenance fees, childcare and medical costs).

Type of Expense	Monthly Amount	Paid to Whom
TAX	7	Alachua Co Tax Agency
LOT RENT	319	Lanphigter Mobile Homes
UTILITIES	110	GRV
Kenazene (heating)	45	KANGEROO SERVICE STATION
Property	21	WALMART
Medical costs	5	OTC CVS

5. Does anyone, such as the housing authority or a friend or family member, help you pay your household expenses? | Yes No If yes, please explain how they help:

6. Please list all assets owned in whole or in part for all people living in your home. Include bank accounts, vehicles, real property (including your home), stocks, bonds, CDs, trust property, and other items you could sell.

Name of Owner or Name on Account	Type of Asset	Asset Value	Amount You Still Owe for this Asset
Mobile home W/Breeze	Mobile home	6000	-0-
W Breeze	1994 ESCORT	500	-0-

7. Do you have other changes to report? Yes No If yes, please explain:

I understand that the information I give on this form may affect my eligibility for benefits. I certify under penalty of perjury that the information on this form is true to the best of my knowledge and that all persons receiving benefits are U.S. citizens or are noncitizens in lawful immigration status. I understand that if the information is false, the Department of Children and Families may prosecute me for fraud.

Sign here if you are receiving benefits in this case:

Recipient: William R. Reese

Date: 2-26-16

Complete the information and sign below if you are acting as the designated or authorized representative but are not receiving benefits in this case:

Print representative's name: _____

Representative's signature: _____

Date: _____

Representative's mailing address:

Representative's phone number(s)

City of Gainesville
Florida

Certificate of Appreciation

This is to Certify That

Bill Breeze

has rendered valuable and distinguished service to the

CITY OF GAINESVILLE, FLORIDA

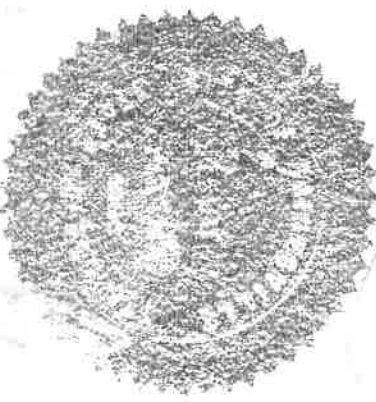
and this certificate is issued in recognition thereof by the City Commission on behalf of its Citizens.

Dated This _____ Day of _____

Mayor - Commission

Attest

Clerk of the Commission



Profile**Grace**

First Name

LMiddle
Initial**Horvath**

Last Name

ghorvath@cpamerica.org

Email Address

2525 NW 18th Way

Street Address

Suite or Apt

Gainesville

City

FL

State

32605

Postal Code

District 2

Ward

Mobile: (352) 316-4416

Primary Phone

Home: (352) 271-1212

Alternate Phone

CPAmerica International

Employer

Vice President of Services

Job Title

Which Boards would you like to apply for?

Gainesville/Alachua County Regional Airport Authority

Are you applying for Empowerment Center Oversight Advisory Board? Yes No**Are you an Alachua County Resident?** Yes No

Cell

Primary Phone Type

Interests & Experiences

Why are you interested in serving on a board or commission?

I have been a committed and active member of my community since relocating here in 1995 with concern for sustainable growth, a strong economy and the well-being of all of its people. I have maintained my connection and service to my community through both my personal and professional activities through charitable organizations, my previous employers and providing and leading volunteer support at all levels in educational, environmental and political activities. While my current employer, a national professional trade association, is headquartered here, the nature of our business is somewhat independent of the location. It remains a priority to me to be in a position where I have the ability to influence and contribute to the long-term viability and success of our community and its people. In my present position, I am a very frequent traveler in the U.S. and abroad. I rely on our airport for my own access to be able to do my job efficiently, affordably and conveniently; and I also understand the resounding underlying impact the airport and transportation has on our community from economic development to employment and attracting and retaining talent. Even in my company's board, we've had the conversation of relocation based on access - both physically getting in and out of here, and our ability to attract the talent we need to grow and comprehensively serve an international membership. I feel I'm a fit for this board based on my understanding of the overall importance of accessibility for any city and its citizens to thrive and my desire to have a hand in serving and making a positive impact on my community.

[Horvath2016Resume.doc](#)

Upload a Resume

Please upload a file

Demographics

Hispanic

Ethnicity

Female

Gender

Are you a City of Gainesville Employee?

Yes No

Are you a City of Gainesville Intern?

Yes No

Are you currently on a City Advisory Board/Committee?

Yes No

If yes, which Advisory Board/Committee?

Grace L. Horvath

2525 NW 18th Way Gainesville, FL 32605

Cell: (352) 316-4416

Home: (352) 271-1212

Email: glambert3@cox.net

HIGHLIGHTS

- Executive level experience in sales, marketing, business development, program & services development and implementation in a variety of industries.
- Proven leadership skills in setting and achieving goals on behalf of for-profit and non-profit organizations
- Experienced in building, training, and managing sales, marketing, and volunteer teams
- Exceptional written and verbal communication skills with domestic and international experience

PROFESSIONAL EXPERIENCE

CPAmerica International Gainesville, FL

VICE PRESIDENT OF SERVICES

2011 – Present

- Responsibility for programs and services offered to the members of CPAmerica International, a national not-for-profit trade association serving independent CPA firms. Responsible for ensuring services are aligned with objective of membership which is to improve through sharing. The association provides educational and networking events, firm marketing material, resources for recruiting development and retention of staff, and domestic and international business development tools that are designed to have a positive impact on the growth and profitability of member firms.
- Manage 9- person services team of member services, events, marketing and business development

Emmer Development Gainesville, FL

DIRECTOR OF SALES & MARKETING

2010-2011

- Developed and managed sales and marketing plans for multiple residential product lines including single family residential neighborhoods, large-scale student-oriented apartment complexes and affordable housing communities in Gainesville, Orlando and Pensacola

Tioga Town Center Gainesville, FL

2003-2010

DIRECTOR OF MARKETING & LEASING

- Developed comprehensive market analysis of current and future market conditions including market analysis of demographics, trends and forecasts, and industry competition from inception of Tioga Town Center

- Developed and implemented targeted branding campaign for brand new mixed-use center for commercial, consumer and residential audiences
- Directed and implemented all marketing, advertising and public relations opportunities including interaction with media, government officials and community leaders
- Developed and directed company's web-based marketing, print marketing, advertising & media plan, promotions and events including development & management of budgets
- Identified and procured the center's commercial tenant mix including negotiation of all leases and execution of legally binding documents
- Manage external services including real estate brokers, property management, advertising agencies, web designers, and other vendors as needed to achieve long term sales and marketing goals of the center
- **Highlights:** Procured 73% occupancy of new mixed-use development by grand opening of center; responsible for award winning brand awareness campaign; procured 100% occupancy of residential product less than one year on market

**North Florida Retirement Village
Gainesville, FL**

2002-2003

DIRECTOR, THE TOWER CLUB

- Developed branding & marketing for North Central Florida's premiere retirement community including development of marketing materials and executing public relations events that increased profitability of facility
- Responsible for all new business development and sales of space and services within overall business plan of facility events
- **Highlights:** Created and implemented successful marketing plan including achieving most profitable booking rate to date

**Naylor Publications, Inc.
Gainesville, FL**

1999-2002

PUBLISHER

- Responsible for new business development and client retention for international publishing & media company for trade associations in the national market including primarily New York City and Washington DC
- Propose, negotiate and manage all aspects of contracts with top association executives of over 40 various associations
- **Highlights:** Procured the highest first year publisher sales of \$2.1 million including signing most high profile accounts to date and expanding client roster into new industries

RECRUITER

- Created comprehensive recruitment plan in order to meet long-term hiring objectives
- Established and maintained contacts with colleges, universities and local community to promote image of Naylor as a premier employer and ensure flow of qualified applicants
- **Highlights:** Reduced turnover of sales representatives from 85% per year to 35% in one year. Awarded with prestigious *President's Cruise* in 2000 for "Recruiter of the Year" substantially exceeding the essential duties and responsibilities of the position

ADVERTISING SALES ACCOUNT EXECUTIVE

- Sold advertising space into publications while developing long-term, profitable relationships with clients
- **Highlights:** Achieved second to highest sales numbers in first two months as the only part-time member of my team. Promoted to recruiter within the fifth month at the company

**Lucky Seven Vintage Clothing
Gainesville, FL**

1996-1999

OWNER AND OPERATOR

- Owned and operated a retail vintage clothing & collectibles store including acquisition of all inventory, management of employees, all administrative duties, sales, marketing & branding, and development of clientele
- **Highlights:** Diversified retail earnings and promoted local artists by creating a gallery setting for art exhibits and organizing and hosting art openings

**Christian Dior Perfumes, Inc.
New York, NY**

1986-1995

ACCOUNT COORDINATOR

- **Highlights:** Transformed Christian Dior’s Southeast Florida Neiman Marcus business into profitable accounts by turning sales trends from a –30% to a +45% increase in volume in sixteen months

TRAINER

- **Highlights:** Created a training program for the Neiman Marcus stores, which revitalized business by strengthening product knowledge and cultivating professional selling skills

EDUCATION

**Florida International University
Miami, FL**

1994

B.A. with honors, English Literature and Humanities

COMMUNITY INVOLVEMENT AND AWARDS

Santa Fe College Woman of Distinction

2016

Business in the Heart of Florida Fierce Women List

2015

**League of Community Colleges Innovation of the Year
“Rotary Reading Safari” nationally recognized**

2009

Girls Place Inc., Board Member of the Year

2007

Rotary Club of Gainesville (275+ members, est. 1918)

- Club President **2013-2014**
- Foundation Board Chair & Feastmaster **2010-2011**

- Board of Directors **2007-2009**
- Rotary Reading Safari, Founding and Acting Chair **2007-2010**

- Advantage Publishing**
- Advisory Board of Directors **2010 - present**

- Girls Place, Inc. (formerly Girls Club of Alachua County)**
- Operations Board, Past President **2010**
- Operations Board, Director of PR and Community Relations **2006**
- Hats, Hearts and Handbags Event Co-Chair, PR & Marketing Chair **2005-2007**

Profile**William**

First Name

BMiddle
Initial**Smith**

Last Name

w.brian.smith@gmail.com

Email Address

1553 NW 21st Ave

Street Address

Suite or Apt

Gainesville

City

FL

State

32605

Postal Code

District 2

Ward

Mobile: (352) 235-9028

Primary Phone

Home:

Alternate Phone

TEKSystems

Employer

IT Infrastructure and Designer

Job Title

Which Boards would you like to apply for?

City Plan Board, Gainesville/Alachua County Cultural Affairs Board, Gainesville/Alachua County Regional Airport Authority, Historic Preservation Board

Are you applying for Empowerment Center Oversight Advisory Board? Yes No**Are you an Alachua County Resident?** Yes No**Cell**

Primary Phone Type

Alternate Phone Type

Interests & Experiences

Why are you interested in serving on a board or commission?

I am interested in helping shape the direction of Gainesville. I'm a firm believer in doing what's right, and being truthful even if it hurts.

[resume_w.brian.smith.docx](#)

Upload a Resume

Please upload a file

Demographics

Caucasian/Non-Hispanic

Ethnicity

Male

Gender

Are you a City of Gainesville Employee?

Yes No

Are you a City of Gainesville Intern?

Yes No

Are you currently on a City Advisory Board/Committee?

Yes No

If yes, which Advisory Board/Committee?

William BRIAN Smith
1553 NW 21st Ave
Gainesville, FL 32605
tel: +1 352 235 9028
w.brian.smith@gmail.com

Summary

Hands-on information technology manager, known for innovative approach to solving problems. Team leader experienced in building and motivating professional, capable, and responsive organizations.

- Effective in fostering collaboration and consultative relationships with senior management and across traditional boundaries; highlighting inflection points of technology decisions.
- Technical leader with broad experience, brings focus on “big picture” business impacts of technology projects: real costs, practical benefits, risks and contingencies.
- Adaptable – skilled at supporting individuals, building systems, handling problems; as well as managing teams, training, developing strategies, policies and processes.

Technology

Platforms: Linux (CentOS 7/Red Hat Enterprise Linux 7, Ubuntu), Unix (Solaris, AIX), Macintosh (OS X 10), Windows (Windows 8.1, 10, Server 20012 R2, Exchange Server 2016; licensing/acquisition issues), Amazon Web Services (cloud-based), VMware ESX/ESXi, Citrix XenServer, Microsoft Hyper-V, MySQL, Oracle, NetApp, EMC Clariion, CFEngine, Puppet, Foreman, Spacewalk, Labtech, Virtual Desktop Infrastructure.

Programming: Python, bash, shell scripting/utilities, PHP, Perl, C.

Applications: Microsoft Office, OpenOffice; Adobe CC; Zabbix, Bacula, Apache 2.2, Spiceworks, Splunk.

Network: TCP/IP (DNS, SMTP, ssh, HTTP, X11, BGP/WAN, 802.11, etc.), IPv6, Ethernet, Postfix, Juniper ScreenOS, Cisco IOS; VoIP (Asterisk 1.8, SIP telephony), PGP.

Experience

IT Infrastructure and Designer, *TEKSystems* Gainesville, FL 2012-Present
Manage physical and virtual infrastructure for Gainesville Regional Utilities and some city departments.

- Perform physical to virtual conversions of server operating systems.
- (Position is still very new to me <1 month)

Systems Administrator, *UF – Electrical and Computer Engineering Department*, Gainesville, FL 2012-Present
Managed information technology team for a department within a public university that is ranked #14 nationwide. Consulted with UFIT Administrative offices on Windows/network security issues (firewall, virus, spam.) Planned and executed \$350,000 student computer lab upgrade from Windows 7, Windows Server 2008, RHEL 5 to Thin clients, Windows 10 on a VMware Horizon View VDI backend, SSD SAN, and RHEL 7 including database creations/moves, and production-ready installation and tailoring of Linux servers.

- Management of Staff, Faculty, and Student computing resources within the department.
- Implemented virtualization technologies in the datacenter using VMware ESXi and Vcenter, introducing fault tolerance and high availability.
- Designed custom OS deployment solution using Spacewalk, and Windows Deployment Services over PXE.
- Architecture of 24 node Windows 2008 R2 Remote Desktop Farm.
- Deployed VDI infrastructure with GPU acceleration capable of handling 400 concurrent CAD sessions on two physical servers.
- Remote management of Windows Server, Ubuntu, CentOS, RedHat, and FreeBSD servers.

Systems Engineer, *RTI Biologicals, Inc. (now RTI Surgical, Inc.)*, Alachua, FL 2011-2012

Worked within 20-person department providing all functions of IT/Infrastructure including Database Administration, Systems Administration, Desktop Support teams for a leading global surgical implant company providing surgeons with safe biologic, metal, and synthetic implants with an annual revenue of approximately \$200M per year. Set direction, formulated requirements, and negotiated purchase of hardware/software over a 1-year period with market value of \$4M. Reporting to Director of IT, developed policies, set service levels, managed personnel and budgets, oversaw all aspects of operations.

Specific achievements include:

- Pioneered telecommuting in the IT department resulting in increased morale with staff, more technician availability, and repurposed office space for non-telecommute employees.
- Increased server rack density by utilizing blade servers, reducing datacenter rack footprint by 60%.

- Architecture of infrastructure, scaling with VLM servers, database servers, and storage system including 55+TB SAN/NAS storage and tape robotics for backup and archive.
- Negotiated agreements with resellers, vendors; including pricing and agreements with a value of approximately \$1.2M.
- Increased reliability, responsiveness and level of professionalism in department using negotiation, communication skills, and leadership by example.

Engineer, *Gainesville Television Network, Gainesville, FL* 2010-2011

- Provide IT support for CBS, NBC, My, and MeTV digital television networks.
- Support news team computers, tablets, and camera equipment.
- Supervised Assistant Engineer

IT Manager, *Community Services Network of West Tennessee, Bartlett, TN* 2006-2010

- Introduced telecommuting and remote systems administration to the company. Was able to maintain system availability and resolve issues while in Germany.
- Managed a lean team providing systems, network, end-user, and technical support across 30+ locations in West Tennessee.
- Principal individual contributions included enhanced data storage, disaster recovery capabilities, and security.
- Led initiatives in virtualization, Exchange Server upgrade, network monitoring, and reducing business risk and increasing efficiencies.

Sr. Systems Administrator, *Computer & Hi-Tech Management, Pensacola, FL* 1997-2005

Consulting

Preservation of Historic Buildings and Sites Committee, University of Florida, Gainesville, FL 2015-2018

Solicited by UF President to assist the University in implementing its Policy on Historic Preservation. Assist the University in fulfilling federal and state obligations with respect to its historic and archeological resources. Reports directly to the Vice President for Business Affairs.

Chairperson, Rotaract, University of Florida, Gainesville, FL 2015-Present

Appointed by Rotaract District co-Chair. Motivate and assist student-run Rotary Club (Rotaract) in developing strong programs. Identify opportunities to strengthen club, and coordinate training for student leaders.

Baseline Systems, Gainesville, FL 2014-Present

Provide IT solutions and 100% remote support to over 100 commercial clients in the Alachua County area. Serve as primary tech support as well as tier 2+ depending on clients needs.

Personal

Member of Rotary International.

Volunteer Puppy Raiser for Southeastern Guide Dogs.

Hobbies include camping, overland expedition trips, travel, reading, the arts, food.

Profile

Winfred

First Name

M.

Middle
Initial

Phillips

Last Name

wphil@ufl.edu

Email Address

328 Tigert Hall

Street Address

University of Florida

Suite or Apt

Gainesville

City

FL

State

32611

Postal Code

District 2

Ward

Business: (352) 392-6620

Primary Phone

Mobile: (352) 281-5660

Alternate Phone

University of Florida

Employer

Executive Chief of Staff

Job Title

Which Boards would you like to apply for?

Gainesville/Alachua County Regional Airport Authority

Are you applying for Empowerment Center Oversight Advisory Board? Yes No**Are you an Alachua County Resident?** Yes No

Office

Primary Phone Type

Cell

Alternate Phone Type

Interests & Experiences

Why are you interested in serving on a board or commission?

The Gainesville Regional Airport is a cornerstone of our community. An international airport put Gainesville on the world map. It is critical for local business and university travel. It adds personal travel to the quality of life for Alachua County, Gainesville, and surrounding communities.

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Upload a Resume

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Demographics

Caucasian/Non-Hispanic

Ethnicity

Male

Gender

Are you a City of Gainesville Employee?

Yes No

Are you a City of Gainesville Intern?

Yes No

Are you currently on a City Advisory Board/Committee?

Yes No

If yes, which Advisory Board/Committee?

**GAINESVILLE/ALACHUA COUNTY REGIONAL AIRPORT AUTHORITY
CERTIFICATION OF APPLICATION FOR MEMBERSHIP**

This is to certify that I, Winfred M. Phillips, am aware of and am in compliance with the membership requirements of sections of the State Legislation 2006-363 which established the Gainesville/Alachua County Regional Airport Authority:

Section 2, Paragraph 9:

- (9) "Person" means any individual, firm, partnership, corporation, company, association, joint stock association, or body politic and includes any trustee, receiver, assignee, or other similar representative thereof.

Section 4, Paragraph 1:

- (1) MEMBERSHIP: The powers of the authority shall be vested in its members in office from time to time. There shall be nine members. No member shall receive any compensation for services as a member. As a condition of eligibility for appointment and to hold office, each member shall reside within the city or the county. However, one member appointed by the Governor may reside in a county contiguous to Alachua County. No person shall serve as a member of the authority and, at the same time, hold any publicly elected office in the State of Florida.

Section 4, Paragraph 5:

- (5) All members appointed subsequent to the effective date of this act shall serve 3-year terms of office, beginning on August 1 and expiring on July 31 of the appropriate year.

Section 6, Paragraphs 1 & 2:

RESTRICTIONS:

- (1) No person who has transacted business with the authority shall be eligible for appointment to the authority until 3 years after the last transaction. No person who has served on the authority shall be eligible to transact business with the authority until 3 years after the person's last date of service. Said transactions include transactions either for oneself or as an employee of, agent for, or consultant to any other person or legal entity.

However, nothing in this paragraph shall be construed as prohibiting an appointed member from purchasing supplies or services from any fixed-base operators or tenants at the airport or Airport Industrial Park, or for renting individual aircraft hangars or tie-downs offered to the general public and owned by the authority, provided that the price and terms of the transaction are available to all members of the public.

- (2) No member, officer, agent, or employee of the authority, either for himself or herself or as agent for anyone else, or as a stockholder or owner in any other legal entity, shall participate in or benefit directly or indirectly from any sale, purchase, lease, franchise, contract, or other transaction entered into by the authority or the city. The provisions of this subsection shall be cumulative to any general laws of the state that may from time to time be applicable to members, officers, agents, or employees of the authority and that require the disclosure of, or prohibit, conflicts of interest.

I, HEREBY CERTIFY that I am in full compliance with the restrictions set forth in Section 2006-363, Laws of Florida, and I am eligible to be considered for appointment to the Gainesville/Alachua County Regional Airport Authority, and that I retain a copy of these restrictions/requirements.



 Signature

7/19/16

 Date

This supplement to the Gainesville/Alachua County Regional Airport Authority application is required to be included with the application before it can be submitted to the City Commission for consideration. Please fill in your name, print, sign and date this supplemental, attach it to your application and mail or email to:

Clerk of the Commission
 Airport Supplemental
 P.O. Box 490 MS 18
 Gainesville, FL 32627-0490
depclerk@cityofgainesville.org

Remember to retain a copy for your records.

CURRICULUM VITAE

NAME Winfred M. Phillips **E-MAIL** wphil@ufl.edu
ADDRESS University of Florida **TELEPHONE** (352) 392-6620
328 Tigert Hall, PO Box 113390 **FAX** (352) 294-7158
Gainesville, Florida 32611-3390

EDUCATION

Virginia Polytechnic Institute	BSME [Mechanical Engineering]	1963
University of Virginia	MAE [Aerospace Engineering]	1966
University of Virginia	DSc [Aerospace Engineering]	1968

EXPERIENCE

2015 - Present	Executive Chief of Staff, Office of the President, University of Florida
2014	Senior Advisor to the President, University of Florida
1988 - Present	Professor of Mechanical Engineering, Don and Ruth Eckis Professor of Biomedical Engineering, University of Florida
2011 - 2014	Senior Vice President and Chief Operating Officer, University of Florida
1999 - 2011	Vice President for Research and Director, University of Florida
1999 - 2004	Dean of the Graduate School, University of Florida
1990 - 1999	Associate Vice President for Engineering and Industrial Experiment Station, College of Engineering, University of Florida
1988 - 1999	Dean, Professor of Mechanical Engineering and Research Professor of Biomedical Engineering, College of Engineering, University of Florida
1980 - 1988	Head, School of Mechanical Engineering, Purdue University
1979 - 1980	Associate Dean for Research, College of Engineering, The Pennsylvania State University
1978 - 1979	Acting Chairman for the Intercollege Bioengineering Program, The Pennsylvania State University
1978 - 1980	Professor, Department of Aerospace Engineering, The Pennsylvania State University
1974 - 1978	Associate Professor, Department of Aerospace Engineering, The Pennsylvania State University
1976 - 1977	Visiting Professor, Institute de Pathologie Cellulaire, University of Paris and Hospital de Bicetre, 94270 Le Kremlin, Bicetre, Paris, France
1968 - 1974	Assistant Professor, Department of Aerospace Engineering, The Pennsylvania State University
1967 - 1968	Research Scientist, Department of Aerospace Engineering, The University of Virginia
1965 - 1967	NSF Trainee, Department of Aerospace Engineering, and Teaching Assistant in Engineering, The University of Virginia
1963 - 1965	Research Assistant, The University of Virginia
1961 - 1963	Mechanical Engineer, U.S. Naval Weapons Laboratory, Dahlgren, Virginia
1961	Mechanical Engineer [Student Trainee], Reynolds Metals Co., Product Development Division, Richmond, Virginia
1959 - 1960	Civil Engineer [Student Trainee], Virginia Department of Highways, Design Department, Richmond, Virginia

PROFESSIONAL SOCIETIES

Accreditation Board for Engineering and Technology, [Fellow 1993, President 1996-1997].
American Association for the Advancement of Science, [Fellow 1982].
American Astronautical Society, [Fellow 1993].
American Institute for Aeronautics and Astronautics, [Fellow 1999].
American Institute for Medical and Biological Engineering, [Fellow 1992, President 1996-1997].
American Physical Society
American Society for Artificial Internal Organs [Trustee, Board of Directors, President, 1988-1989].
American Society for Engineering Education, [Fellow 1987, President 1996-1997].
American Society of Mechanical Engineers, [Fellow 1984, President 1998-1999].
Biomedical Engineering Society, [Fellow 2005].
European Academy of Sciences, [2002].
Florida Engineering Society, [1989].
International Society of Biorheology
Licensing Executives Society Inc.
New York Academy of Sciences, [Fellow, 1995].
Royal Society for Arts (England), [Fellow, 1987].
Society of Automotive Engineers
Society of Research Administrators International

BIOGRAPHICAL LISTINGS

Marquis Who's Who:

Who's Who in the World, [1993-present].
Who's Who in America, [1986-present].
Who's Who in American Education, [2004].
Marquis Who's Who Directory of Computer Graphics, [1st Ed., 1984].
Who's Who in Finance and Business, [2004].
Who's Who in Finance and Industry, [1994-present].
Who's Who in Medicine and Healthcare, [2003-present].
Who's Who in Science and Engineering, [1992-present].
Who's Who in the East, [15th Ed., 1975-1976 - 24th Ed., 1993-1994].
Who's Who in the Midwest, [19th Ed., 1984-1985 - 23rd Ed., 1992-1993].
Who's Who in the South and Southwest, [1993-present].
Who's Who of Emerging Leaders in America, [2nd Ed., 1988].

Other:

American Men and Women of Science, [14th Ed., 1979 - 18th Ed., 1992].
Who's Who in Engineering, [4th Ed., 1980 - 8th Ed., 1991].
Men of Achievement, [13th Ed., 1988 - 15th Ed., 1992; 17th Ed., 1997].
Biography International, [Vol. II, 1988].
Community Leaders of the World, [1988].
Dictionary of International Biography, [XXII Ed., 1992].
International Who's Who in Engineering
International Who's Who of Contemporary Achievement
Personalities of America, [4th Ed., 1986-1988].

BIOGRAPHICAL LISTINGS (continued)

Personalities of the West and Midwest
The International Directory of Distinguished Leaders
Two Thousand Notable American Men, [1st Ed.].
Who's Who in Aviation and Aerospace, [1st Ed., 1983].
Who's Who in Engineering and Computer Science Among University Professors
Who's Who in Frontier Sciences and Technology, [1st and 2nd Eds., 1984-1985].
Who's Who in Mechanical Engineering Among University Professors
Who's Who in Society, [1986 Ed. - 1988 Ed.].
Who's Who in Technology, [6th Ed., 1988-1989].

HONORS RECEIVED

Chairman's Award, Gainesville Area Chamber of Commerce, [2016].
Legacy Award, Gainesville Area Chamber of Commerce, [2014].
"The Guy Who Made It All Happen" Award, University of Florida's Technology Showcase, *A Celebration of Innovation*, [2014].
Pan American Academy of Engineering, Member, [2010-].
ASME Honorary Membership, [2009].
Fellow, Biomedical Engineering Society, [2005].
ASME Ralph Coats Roe Medal, [2005].
Florida Trend's 2005 CEO to Watch List, [2005].
Global Messenger Award, SECME, Inc., [2003] (Future Name: The Dr. Winfred M. Phillips 'Global Messenger Award')
ASEE Benjamin Garver Lamme Award, [2003].
ASME Dedicated Service Award, [2001].
Linton E. Grinter Distinguished Service Award, ABET, [2000].
Honorary Member, Golden Key National Honor Society, [1999].
AAES National Engineering Award, [1999].
Engineering Achievement Award, Virginia Engineering Foundation Board of Directors, [1999].
Fellow, American Institute for Aeronautics and Astronautics, [1998].
Volunteer of the Year, Florida Economic Development Council, District 3, [1998].
Council for Economic Outreach, Dr. J. Wayne Reitz CEO Leadership Award, [1995].
Fellow, New York Academy of Sciences, [1995].
Melvin R. Lohmann Distinguished Lecturer, Oklahoma State University, [1995].
ASEE Centennial Medal, [1993].
Fellow, Accreditation Board for Engineering and Technology, Inc., [1993].
Fellow, American Astronautical Society, [1993].
Honorary Membership, Florida Blue Key, University of Florida, [1993].
Fellow, American Institute for Medical and Biological Engineering, [1992].
Epsilon Lambda Chi, Honorary Member, [1989].
Council of the Sagamores of the Wabash, Governor's Award - Indiana, [1988].
Distinguished Hoosier Award, State of Indiana, [1987].
Fellow, American Society for Engineering Education, [1987].
Fellow, Royal Society for Arts (England), [1987].
Award for Relations with Industry, CIEC, ASEE, [1985].
Fellow, American Society of Mechanical Engineers, [1984].

HONORS RECEIVED (Continued)

Virginia Polytechnic Institute, Committee of 100, [1984].
Fellow, American Association for the Advancement of Science, [1982].
Tau Beta Pi, "Eminent Engineer," [1981].
Fellowship, Gordon Research Conferences, Andover, New Hampshire, [1977].
Outstanding Advisor Award, The Pennsylvania State University Engineering Society, [1976].
Research Career Development Award, U.S. Public Health Service, [1975-1980] - [5 years full salary support for research].
Dow Award, Outstanding Young Faculty Member, [1971] - [12 awards given nationally].
NSF Traineeship, University of Virginia, [1965-1967].
Phi Kappa Phi
Pi Tau Sigma
Sigma Gamma Tau
Sigma Xi

CURRENT COMMITTEES, BOARDS AND APPOINTMENTS

National:

Accreditation Board for Engineering and Technology (ABET), President, [1996-97]; Washington Accord (Australia, Canada, Chinese Taipei, Hong Kong China, Ireland, Japan, Korea, New Zealand, Singapore, South Africa, United Kingdom, and United States), ABET Representative, [2005-07], Chair [2007-2011]; Subcommittee on the Linton E. Grinter Distinguished Service Award, Member, [2000-2002] [2008-2010] [2011-], Chair, [2004-2007]; Foundation Board., Director, [2011-].
American Society for Artificial Internal Organs (ASAIO), President, [1988-89]; Journal Editor for Bioengineering, [1985-]; Representative, USNCB [1986-]; Senior Advisory Group, Member, [1998-]; Editorial Board, Member, [2005-].
American Society of Mechanical Engineers (ASME), President, [1998-99]; ASME Foundation, Trustee, [2003-2010]; Council on Public Affairs, Member-at-Large, [2003-2007]; Strategic Management Sector, Member, [2004-2011]; Committee of Past Presidents Outside Awards Task Force, [2012]; Strategic Issues, Opportunities and Knowledge Committee, Chair/Member, [2004-]; Committee of Past Presidents, Member, [1999-], Chair, [2003].
University of Pittsburgh, School of Health and Rehabilitation Sciences, Board of Visitors, [1994-].
University of Virginia, School of Engineering and Applied Science, Advisory Projects Board, [2009-10]; Strategic Planning Committee, [2011-12]; Trustee, [2007-13]; Trustee, Pro Tempore, [2013-18].
Virginia Polytechnic Institute, Committee of 100, [1984-].

State of Florida:

Enterprise Florida - Innovation Partnership Board, Governor Appointee, [1992-2011]; Competitiveness Working Group, Member, [2001-2011]; Technology, Entrepreneurship & Capital Committee, Member, [2001-2011], Vice Chair, [2009]; Florida Defense & Space Advisory Council, Member, [2001-2011]; Life Sciences Roadmap Advisory Committee, Member, [2005-2011]; Life Sciences Council, Member [2007-2010], Co-Chair [2011-2012]; Board of Directors, Ex Officio, [1999-].

Local:

AvMed North Florida Advisory Board, Member, Gainesville, Florida, [1998-].
Gainesville Area Chamber of Commerce, Search Committee for the President/CEO, [2012, 2015]; Board of Directors, Member, [1992-]; Executive Committee, Member, [1992-].

University of Florida:

GatorCare Executive Sponsor Group, Board of Directors (UF and Shands), Member, [2012-2014]; Chair, [2014-2015]; Executive Committee, Chair, [2015-].
UF Development Corporation, President and Member, Board of Directors, [2011-].

CURRENT COMMITTEES, BOARDS AND APPOINTMENTS (Continued)

UF Foundation, Board of Directors, [1989-91, 1995-]; Finance Committee, Member, [1992-].
UF Goal-Setting Task Force, Chair, [2015].
UF Investment Committee, Member, [2006-].
UF Investment Corporation, Member, [2006-]; Board of Directors, Member, [2011-].

REPRESENTATIVE PAST COMMITTEES AND APPOINTMENTS

Academic Personnel Advisory Committee (APAC), State University System of Florida, [1997].
Accreditation Board for Engineering and Technology (ABET), Finance Committee, [1990-91]; ME/RAC Program Visitor; Educational Policy Committee, [1991-92]; Member, Ad Hoc Committee to Investigate the 1990-91 ABET Review of ME Program at Mankato State University, Mankato, MN, [1992]; Member, Visiting Team, Florida State University, [1992]; Member, Visiting Team, Monterrey Institute of Technology and Higher Education, Monterrey, N.L. Mexico, [1992]; Member, Visiting Team, The Korean Advanced Institute of Science and Technology, Taejon, Korea, [1992]; Member, Committee on ABET Office Location, [1992-93]; Member, Search Committee for Executive Director, [1992-93]; Member, Committee to Review Accreditation Process, [1992-93]; Member, Advisory Committee for ABET Evaluation Project for the Dutch Ministry of Education and Science, [1993]; Member, Visiting Team, King Fahd University, Saudi Arabia, [1993]; Member, International Accreditation Task Force, [1994]; Panelist, 1993 Annual ABET Meeting, [1993]; Member, Board of Directors, [1989-95]; Member, Executive Committee, [1991-95]; President-Elect, [1994-95]; Member, Visiting Team, American University, Cairo, Egypt, [1997]; Member, Visiting Team, Technical University of Compiègne, Paris, France, [1997]; Member, Visiting Team, Ecole Nationale de L'Aviation Civile and SUPAERO, Toulouse, France, [1998]; Chair, Visiting Team, French Grand Ecoles System, Paris, France, [1998]; Past-President, [1997]; Vice Chair INTAC [1997-1998]; Accreditation Process Review Subcommittee, Member, [1993-97]; Board of Directors, United States Council for International Engineering Practice, Member, [1995-96]; President, [1995-96]; Nominating Committee, Chair, [1996-97]; Awards Committee, Chair, [1996-97]; Executive Review Committee, Member, [1996-97]; Public Member Committee, Chair, [1996-97]; ABET/ASEE GRID Group, Member, [1996-]; Member, Visiting Team, American University, Cairo, Egypt, [1997]; Member, Visiting Team, Technical University of Compiègne, Paris, France, [1997]; Member, Visiting Team, Ecole Nationale de L'Aviation Civile, Toulouse, France, [1998]; Member, Visiting Team, Technical University of Compiègne, Paris, France, [1998]; International Activities Committee, Member, [1992-2005], Chair, [1998-2002], Vice Chair, [2003-08]; Industry Advisory Council, Member [2001-05]; Engineering Credentials Evaluation International Resource Council, Member, [2003-04]; Awards Committee, [2003-07]; 75th Anniversary Retrospective Committee, [2005-]; Strategic Management Ad Hoc Task Group on Globalization, [2007-].
Alachua County's Economic Development Advisory Committee, Member, [2003-07].
Alliance for Economic Development, Board of Governors, Member, Gainesville, Florida, [1999].
Alliance for Engineering in Medicine and Biology (AEMB) Council, Alternate Representative for Bioengineering, Biomedical Engineering Medical Society, [1984-87]; Representative for ASAIO and BMES, [1987-90]; National Nominating Committee, [1986-91].
America 2000 Science and Math Focus Committee, Member, Gainesville, Florida, [1991-96].
American Academy of Higher Education, Editorial Board, Member, [May 1985-98].
American Association for the Advancement of Science (AAAS), Engineering Nominating Committee, Member, [1994-95]; Electorate Nominating Committee of the Section (M) on Engineering, Member, [1994-96], Chair, [1996-97]; Elected Counsel Delegate, Section on Engineering, [2006-2009]; Panel to Assess Primarily Research White Papers Submitted Under Auspices of the Louisiana Board of Regents' Post-Katrina Support Fund Initiative, [2006-2007].
American Association of Engineering Societies (AAES), ASME Representative, Committee on Engineering Education, [1991-92]; Board of Governors, Member, [1996-97]; Vice Chair [1997-99]; Secretary/ Treasurer, [1999-2000]; Chair-Elect, [2001], Chair [2002]; Awards Committee, [2003-05].

REPRESENTATIVE PAST COMMITTEES AND APPOINTMENTS (Continued)

- American Astronautical Society (AAS), Fellows Committee, Member, [1997-98].
- American Heart Association, Board of Directors, Central Pennsylvania Chapter, [1974-80]; Pennsylvania Affiliate, State Research Committee, [1980-81].
- American Institute for Aeronautics and Astronautics (AIAA), Secretary, Central Pennsylvania Section, [1970-71]; Vice-Chairman, Central Pennsylvania Section, [1972-73]; Chairman, Central Pennsylvania Section, [1973-75]; National Technical Judge, Student Activities, [1975-76]; Treasurer, Central Pennsylvania Section, [1975-76]; Chairman, Study Group on Ethics, Career Environment Committee, [1975-77], Member [1977-78]; Life Science and Systems Committee, National Technical Committee, [1975-78]; National Career Environment Committee, [1975-78]; Regional Advisory Committee, Region I, [1976-78]; Fellow Grade Selection Committee, Aerospace Sciences I, Member, [1999-2000]; Peer Reviewer for the Aerospace Sciences-Basic Professional Interest Group, [2008].
- American Institute for Medical and Biological Engineering (AIMBE), Steering Committee, [1990-92]; Chairman, Nominations Committee, [1992-93]; Chair, College of Fellows, [1994-95]; Fellows Selection Committee, Member, [1992-96]; Board of Directors, Member, [1993-99]; Nominating Committee, Chair [1997-98]; President, [1996-97]; Past President, [1997-98].
- American Institute of Physics, Advisory Committee on Publishing, [1974-76].
- American Society for Artificial Internal Organs (ASAIO), Secretary-Treasurer, [1985-87]; President-Elect, [1987-88]; Program Committee, [1982-85, 1985-89, 1989-90]; Board of Trustees, [1982-91]; President, [1988-89]; Federal Affairs Committee, Member, [1991-1995].
- American Society for Engineering Education (ASEE), Chairman, Pennsylvania State Branch, [1971]; Assistant Secretary Treasurer, Middle Atlantic Section, [1971-72]; Activity Coordinator, The Pennsylvania State University, [1971-72]; Annual Conference Policy Committee, [1971-73]; Executive Committee Representative to Institute on Effective Teaching, Middle Atlantic Section, [1971-74, 1974-75]; Secretary-Treasurer, Middle Atlantic Section, [1972-76]; Publications Policy Committee, [1973-77]; National Bicentennial Committee, [1975-76]; Vice Chairman Elect, Middle Atlantic Section, [1978-79]; Engineering Research Council Representative for The Pennsylvania State University, [1979-80]; Annual Conference Committee, [1977-80, 1980-84]; Long Range Planning Committee, [1971-73, 1983-87]; Publications Committee, [1989-90]; Engineering Deans Council Joint Task Force, [1990-91]; Membership Policy Committee, [1991-92]; 1st Vice President; Chairman, Awards Policy Committee, [1990-93, Chair 1992-93]; Chair, Fellow Member Committee, [Chair 1994-95]; Member, Long Range Planning Committee, [1994-95]; Director and Member, Engineering Deans Council (EDC) Executive Board [1989-93]; EDC Liaison National Institutes of Health [1992-93]; EDC Elected National Chairman, [1993-95]; Vice-Chairman, Engineering Deans Council, [1991-93]; Chair, Engineering Deans Council, [1993-95]; President, [1996-97]; Fellow Member Committee, Chair, [1994-97, Chair 1994-95]; Committee on Staff, Member, [1994-96]; Executive Committee, Member, [1994-97]; Finance Committee, Member, [1994-97]; Long Range Planning Committee, Member, [1997-98]; President, [1996-97]; Engineering Deans Council, Member, [1998-99]; Benjamin Garver Lamme Award Committee, Member, [2004-06].
- American Society of Mechanical Engineers (ASME), Papers Review Committee, Bioengineering Division, [1975-1976]; ASME, Executive Committee, Central Pennsylvania Section, [1978-1980]; Executive Committee, Central Pennsylvania Section, [1978-1980]; Chairman, Honors and Awards Committee, Central Pennsylvania Section, [1978-1980]; Standards, National Committee on Medical Devices, [1980-1983]; Finance Committee, Education Conference, Chairman, [1986]; Program Committee, Education Conference, Member, [1986]; Member, Committee on Planning and Organization, [1982-1986]; Ad Hoc Committee to Review National Science Foundation Engineering Budget, Chairman, [1985-1986]; Member, [1987-1988]; Planning and Strategies Subcommittee of the Committee on Planning and Organization, Member, [1984-1988]; National Accreditation Board for Engineering and Technology, Visitor, [1983-1986, 1986-1990]; Vice President, Board Engineering Education, [1986-1990]; Foundation Advisory Committee, [1988-1991]; Panelist, Design Education Conference, [1993]; Senior Vice President and

REPRESENTATIVE PAST COMMITTEES AND APPOINTMENTS (Continued)

Chairman, Council on Education, [1990-1994]; Member, Fellow Selection Committee, [1990-1994]; Representative, ABET Board of Directors, [1991-1995]; Member, International Direction Task Force Reporting to the Board of Governors, [1994-1995]; Director, Policy Board-Education, [1984-1994]; Board of Governors, Member, [1994-1997]; Committee Consolidation Task Force Reporting to the Board of Governors, Chair, [1995-1997]; Liaison to Committee on Legal Affairs, [1995-1996]; EDC Special Liaison Committee to the National Society of Professional Engineers, Member, [1991-1996]; Executive Director Review Committee, Chair, [1996-1997]; President-Elect, [1997-1998]; President, [1998-1999]; Member, Industry Advisory Council, [1998-1999]; Chair, International Activities Committee, [1998-1999]; John Fritz Medal Board of Award, Representative, [1998-2001]; Aviation R&D Task Force, [2000-2001]; Fellow Grade Selection Committee, [2000-2001]; 2001 Nominating Committee, [2000-2001], Fellow Review Committee, [2002-2008]; Task Force on Globalization, Chair, [2003-2003]; Honors and Awards Committee of T&S Division, [2003-2009]; History and Society Committee of T&S Division, [2003-2009]; Council on Competitiveness, [2004-2005].

Association of American Universities, Interdisciplinarity Task Force, Member, [2003-2009]; Federal Relations Committee, Member, [1999-2012].

ASTM, Chairman, Establishing Task Force on Medical Device Standards, Blood Pumps, [1978-1979].

Big Ten ME Department Heads Committee, [1980-1988].

BioReview Foundation; Small Business Innovation Research Conference Working Group, [1991-1995].

Boy Scouts of America, Advisory Committee, Explorer Scouts, [1975-1980].

Biomedical Engineering Society, Member, Awards Committee, [1990-1992, 2001], Chair 1992-1993; Member, Educational and Technical Affairs Committee, [1984-1994].

Brooks Health System/University of Florida Board, Member, [2005-2009]; Chair, [2007-2009].

Business Development Division of the Gainesville Area Chamber of Commerce Manufacturer's Council, Member, Gainesville, Florida, [1993-1999]; Co-Chair, [1994-1996].

Case Western Research University Site Visit, School of Engineering, Member, [February 16, 1999].

Center for Solid and Hazardous Waste Management Advisory Board, Member, [1991-2010].

The Cleveland Clinic Foundation, Department of Biomedical Engineering Scientific Advisory Committee, Member, [1995-2000]; External Advisory Board, Member, [1998-2000]; Working Group on Review of Bioengineering & Technology & Instrumentation Development Research, Member, [1998-2000].

Committee on the National Medal of Science, Presidential Appointee, [2003-2007].

Council for Economic Outreach, Inc., Co-Chairman and Co-Founder, Gainesville, Florida, [1989-92]; Vice Chairman, [1992].

Electric Power Research Institute (EPRI), Scientific Advisory Committee, Member, [1994-1998]; Strategic R&D Council, Member, [1995-1998].

Engineering Advisory Committee (EAC), Florida Board of Registration, [1993-1996].

Enterprise Florida, Inc., Alliance Committee, Member, [1994-1996]; Executive Committee, Member, [1994-2009]; Technology Research Investment Fund Committee, Member, [1994-2009]; Technology Development Board, Vice Chair [1996-97], Chair [1997-00]; Partnership, Inc.-Holdings, Inc., Member, [1998-2009]; Advisory North Florida Technology Alliance, [2000-2009]; Advisory Committee of the Strategic Planning Group Long Term Policy Development Task Force, [2000-01]; Strategic Planning Committee, Member, [2000-02], Chair, [2002-03]; University/Industry R&D Working Group, Chair, [2002-2009].

Florida Consortium for Biomedical Research Board, Member, [2007-2009].

Florida Engineering Education Delivery System, Advisory Board, [1988-1999].

Florida Engineering Society, Engineering Education Committee, [1990-1995].

Florida Foundation Seed Producers, Inc., Board of Directors, Member, [1999-2009].

REPRESENTATIVE PAST COMMITTEES AND APPOINTMENTS (Continued)

- Florida High Technology and Industry Council, Committee on Telecommunications, [1989-1990]; Biomedical Devices Subcommittee, [1990-1993]; Emerging Technologies Committee, [1990-1993]; State Problems Advisory Committee, [1990-1993]; Governor Appointee, [1990-1994].
- Florida Institute of Consulting Engineers; Engineering Excellence Awards Committee, [1989-1990].
- Florida Research Consortium, Board of Directors, Member, [2003-2012]; Research and Tech Commercialization Committee, Member, [2004-2011]; Research Committee, Member, [2012].
- Gainesville-Alachua County Regional Airport Authority Board, [2007-2013]; Facilities & Planning Committee, Member, [2007-2008], Chair, [2008-2009]; Governance & Nominating Ad Hoc Committee, Member, [2008-2013]; Board Liaison, Aviation Education, [2008-2013].
- Gainesville Area Chamber of Commerce, Chairman, Long Range Planning Committee, [1989-1990].
- Georgia Tech, Advisory Committee, School of Mechanical Engineering, [1985-1988].
- Gulf Coast Alliance Technology Transfer, Board of Directors, Member, [1994-2009].
- Hong Kong University of Science & Technology, School of Engineering, Overseas Academic Advisory Committee, [1990-1993].
- Human Implications of Genetics Committee, Member, [2002-2009].
- Industrial Research Institute, Inc., Academic Advisory Council, [1990-1993].
- Information Technology Steering Group, University of Florida, Member, [2008].
- Innovation Commercialization Center Planning Committee, Member, [1994-1995].
- Institute of Medicine, National Academy of Sciences, Committee to Evaluate the NHLBI Artificial Heart Program, [1990-1991].
- Intercollege Program of Bioengineering, The Pennsylvania State University, Acting Chair, [1978-1979].
- Internal Advisory Committee for the Genetics Institute and Powell Gene Therapy Center, [2001-2012].
- International Business Machines, Higher Education Customer Advisory Council, Member, [1996-1999].
- International Engineering Alliance, Chair [2010-2011].
- International Journal of Science and Engineering, Editorial Advisory Board, [January 1983-1992].
- International Network for Engineering Education and Research, Founding Member, Leadership Council, [2005-2007].
- Journal of Science, Math, Engineering and Technology Education, International Editorial Advisory Board, [2001-2009].
- Junior Engineering Technical Society, Board of Directors, [1997-2000].
- Kentucky/National Science Foundation Experimental Program to Stimulate Competitive Research (KY EPSCoR), University of Kentucky, [2001-2009].
- Lehigh University, Mechanical Engineering & Mechanics Department, Review Committee, [1988-97].
- National Association of State Universities and Land-Grant Colleges (NASULGC), Committee on the Quality of Engineering Education, [1982-1986]; Commission on Education for the Engineering Professions, [1991-1995].
- National Heart, Lung and Blood Institute, Committee to Evaluate the Artificial Heart Program, [1995].
- National Institutes of Health, Review Board, Center for Dental Biomaterials, [1989-1998]; Study Section, Surgery and Bioengineering, [1988-1991]; Study Section, Artificial Heart Contracts, [1986-1987]; Study Section, Small Business Innovation Program, [1984-1990]; Directors Task Force on the NIH Strategic Plan, [1992-1993]; Working Group on Bioengineering and Technology and Instrumentation Development, [1998-99].
- National Research Council, Committee on the Future of the U.S. Aerospace Infrastructure and Aerospace Engineering Disciplines to Meet the Needs of the Air Force and the Department of Defense, Member, [2000-2002].
- National Science Foundation, Advisory Panel, Presidential Investigator Awards, [1983-1984]; Technical Education in the U.S.S.R., Reviewer, [1991]; Sponsored Task Force on The Future of Biomedical Engineering, [1989-1992]; Review Panel on Undergraduate Course and Curriculum Development

REPRESENTATIVE PAST COMMITTEES AND APPOINTMENTS (Continued)

Program, [1992-1993]; Biological & Critical Systems Advisory Committee, [1992-1993]; Engineering Directorate Advisory Committee, Member, [2004-2007]; Faculty Early Career Development Program (CAREER) External Advisory Committee, [2006]; Engineering Education and Centers Division, Committee of Visitors, Chair, [2007].

National Society of Professional Engineers, Education Advisory Group, [1999-2000].

Nimbus Corporation, Scientific Advisory Board, [1987-1990].

North Florida Foundation for Research and Education, Board of Directors, Gainesville, FL, [2000-2009].

North Florida Technology Innovation Inc., Gainesville Development Team, Member, [1994-2009]; Chairman, Board of Directors, [1995-1999]; North Florida Regional Board of Directors, [1995-2009].

Oak Ridge Associated Universities (ORAU), Council, Member, [1999-2007], Vice-Chair, [2001-2001], Chair, [2003-2005], Executive Committee, Member, [2003-2005]; Compensation Committee, Member, [2008-2009]; Board of Directors, [2007-2012], Vice Chair, [2008-2009], Chair, [2009-2010], Past Chair, [2011], Chair Emeritus, [2012].

Office of Naval Research, Mechanics Division Technical Advisory Group, [1988-1991].

Penn State University, Chair, Program Review Committee for Mechanical Engineering, [1974-1975].

Purdue University, Schools of Engineering, Industrial Advisory Board, Chapter of the National Society of Black Engineers, [1983-1985, 1986-1987]; Advisory Committee, [1980-1988]; Engineering Area Promotions Committee, Schools of Engineering, [1980-1988]; Schools of Engineering/School of Technology Coordinating Committee, [1980-1988]; Policy Board, Center for Instructional Development in Engineering (CIDE), [1980-1988]; Advisory Board, Institute for Interdisciplinary Engineering Studies (IIES), [1980-1988]; Policy Board, Computer Integrated Design Manufacturing Automation Center, [1981-1988]; Center for Information and Numerical Data Analysis and Synthesis (CINDAS) Advisory Committee, [1982-1988]; Advisory Committee, Technical Assistance Program, [1987-1988].

Raymark Corporation, Presidents Research Advisory Committee, Crawfordsville, Indiana, [1985-1988].

Research, Technology and Graduate Education, Board of Directors, [1994-1998].

Sigma Gamma Tau, Aerospace Honorary Society, Faculty Advisor, [1974-1979]; Regional Director, [1975-1980].

Society of Automotive Engineers, Blue Ribbon Panel, Member, [2000].

Southeastern Consortium for Minorities in Engineering (SECME), Academic Council, Chair, [1994-97]; Board of Directors, [1993-2011], Vice-Chair, [1996-2000], Chair, [2001-2004].

Southern Technology Applications Center (STAC), Advisory Board, [1988-96].

Southern Technology Council (STC), State of Florida Appointee, [1991-94; 1995-99]; Research Development Technical Transfer Committee, [1995-99].

Southern Universities Research Association, Trustee, [1999-2011]; Relations Committee, Member, [2000-2011].

Space Summit Sub-Committee (Working Group), Member, [2000-2009].

State of Indiana, Boiler and Pressure Vessel Board, appointed by Governor Robert D. Orr, [1982-1988].

State University System, Florida Engineering Deans Council, Chairman, [1991-1994].

Texas Higher Education Coordinating Board, Biotechnology Panel of the Texas Advanced Research/Advanced Technology Program, Reviewer, [1991].

The France-Florida Research Institute Advisory Board, Member, [2003-2009].

The Pennsylvania State University, College of Engineering, Ad Hoc Committee on the Core Curriculum, [1970]; Delegate, Student Faculty Encampment, [1970]; Core Curriculum Committee, [1970-1972]; Undergraduate Curriculum Committee, Department of Aerospace Engineering, [1972-1973]; Graduate Curriculum Committee, Department of Aerospace Engineering, [1973-1974]; Junior Science and Engineering Program, Representative, [1972, 1973-1974]; Ad Hoc Committee on Freshman Admissions, [1972, 1973-1974]; Freshman Engineering Laboratory

REPRESENTATIVE PAST COMMITTEES AND APPOINTMENTS (Continued)

- Committee, [1972, 1973, 1973-1974, 1974-1975]; Program Review Committee, Undergraduate Program in Aerospace Engineering, [1974-1975]; Chairman, Undergraduate Curriculum Committee, Department of Aerospace Engineering, [1975-1976]; Chairman, Graduate Student Seminars in Aerospace Engineering, [1973-1977]; Chairman, Tenure and Promotion Review Committee, Bioengineering Program, [1977-1978]; Research Committee, College of Engineering, [1978-1979]; Chairman, Bioengineering Subcommittee on the Graduate Course Program, [1971-1975]; Member, [1975-1979]; Rank and Tenure Committee, College of Science, [1979]; Computer Facilities Advisory Committee, College of Engineering, [1979]; Chairman, Research Initiation Grants Program, [1979-1980]; Faculty Senate, [1979-1980]; Senate Research Committee, [1979-1980]; Interdisciplinary Program Committee on Bioengineering, Graduate School, [1971-1980]; Biological Sciences Research Grant Proposal Review Committee, [1978-1980]; Rank and Tenure Committee, Department of Aerospace Engineering, [1978-1980]; University Computer and Information Systems Planning Committee, [1980]; Small Industries Research, Advisory Committee, [1980]; Bernard Hankin Professorship of Residential Construction, Advisory Committee, [1980]; Pennsylvania Transportation Institute, Advisory Committee, [1979-1981].
- The Whitaker Foundation, Scientific Advisory Committee, Member, [1993].
- Tissue Bank, Inc., University of Florida, Board of Directors, [1999-2001].
- Tokheim Corporation, Fort Wayne, IN, Audit Committee, [1987-90]; Technical Committee, Chairman, [1990-94]; Audit Committee, [1990-94]; Proxy Committee, Member, [1994]; Director, [1985-2000]; Technical Committee, Member, [1994-2000]; Audit Committee, Member, [1997-2000].
- Total Quality Forum VII, National Planning Committee, [1995-1996], Total Quality Forum VIII, National Planning Committee [1996-1998].
- UF-Scripps Florida, Director, [2004-2011].
- United States Council for International Engineering Practice, Board of Directors, Member, [1995-96].
- United Way of Alachua County, Vice-Chair, Professional Division, [1991]; Board of Directors, Member, [1995-01]; Campaign Cabinet, Member, [1995]; UF Campaign Chair, [1995]; Leadership Chair, [1996]; Campaign Chair, [1997]; President-Elect, [1999-00]; President, [2000-01].
- University of Florida Athletic Association, Board of Directors, Member, [2011-14]; Audit Committee, Member, [2011-14]; Finance Committee, Member, [2011-14]; Pension and Investment Committee, Member, [2011-14].
- University of Florida, Provost Search Committee, [1989-90]; United Way Steering Committee, [1990]; Division of Sponsored Research, Board of Directors, [1988-93]; Outside Employment and Conflict of Interest Task Force, Chairman, [1992-94]; Search Committee for the Vice President for Development and Alumni Affairs, Member, [1994-95]; Technology Transfer Review Committee, Member, [1994-95]; Community Campaign, Steering Committee, Chair, [1995]; Search Committee to Review Applicants for the Position of Director, Entrepreneurial Programs for the Office of Research and Graduate Education, [1995]; Benton Engineering Society, Faculty Advisor, [1989-95]; Search Committee for the Director of the University of Florida Honors Program, Chair, [1996]; Asia Focus Group, Chair, [1997]; College of Medicine, Search Committee for the Dean, Member, [1997]; Institute for Food and Agricultural Sciences, Search Committee for the Vice President for Agriculture and Natural Resources, Chair, [1997-98]; Search Committee for Director of Federal Relations, Member, [1998]; Microfabritech Administrative Board, Member, [1988-95]; Business Administration, Entrepreneurship Advisory Committee, [1991-99]; Northeast Regional Data Center Policy Board, Member, [2000-2003]; Governmental Relations Committee, Member, [2000-2004]; Center for Entrepreneurship and Innovation, Business Administration, Board of Directors, [2001-2003]; Shands Cancer Center Internal Advisory Committee, Ex Officio Member, [2001-2007]; Enterprise Resource Program Sponsors Committee, [2003-2005]; Search Committee for the Senior Vice President for Agriculture and Natural Resources, Chair, [2004-2005]; College of Medicine Dean Search Committee, Vice Chair, [2006-2007]; Chair, [2009]; Senior Vice President for Health Affairs Search Committee, Chair, [2008-2009]; Academic Personnel Board, Member, [2000-2011]; Search Committee for the Dean of the College of Liberal Arts and Sciences, Member, [2014].

REPRESENTATIVE PAST COMMITTEES AND APPOINTMENTS (Continued)

University of Florida Foundation, Finance Committee, Budget Subcommittee, [1989-1991].

University of Florida Research Foundation, Board of Directors, Member, [1995-2013]; President, [1999-2013].

University of Virginia, School of Engineering and Applied Science, Visiting Committee, Department of Mechanical and Aerospace Engineering, [1990]; Advisory Committee, [1995-2004]; Pro Tempore Trustee, [2005-2007]; Academic Board, [2007-2009]; Strategic Planning Committee, [2007-2009].

University Programs in Computer Aided Engineering, Design and Manufacturing (UPCAEDM), Board of Directors, [1985-1991].

Virginia Commonwealth University, School of Engineering, Academic Advisory Council, [2000-2004].

Wells Fargo, Advisory Board, Gainesville, Florida, [1998-2012].

GRADUATE ACADEMIC ACTIVITIES

Graduate Faculty, Aerospace Engineering, Penn State, [1969-1980].

Serving on four to eight Doctoral Committees for PhD Candidates/Year, Supervising two NSF Fellows and Post Doctoral Scholars, Penn State, [1969-1980].

Faculty, Bioengineering Program, Penn State, [1973-1980].

Graduate Faculty and Convener Graduate Program in Mechanical Engineering, Purdue, [1980-1988].

Doctoral Research Faculty and Graduate Faculty, University of Florida, [1988-].

THESES AND DISSERTATIONS SUPERVISED

"Hypersonic Flow Density Shock Layer Structure on Flat Faced Cylinders," K. F. McKenna, M.S., Penn State, [1970].

"Orifice and Nozzle Exhausts for Low Density High Pressure Ratio Flows," J. Danoff, M.S., Penn State, [1972].

"Shock Wave Standoff Distances on Blunt Bodies in High Speed Flow," F. W. Kohlhepp, M.S., Penn State, [1972].

"In Vitro Evaluation and Comparison of Two Methods of Mechanical Left Heart Assist," D. C. Czarnecki, M.S., Penn State, [1974].

"The Dynamics and Performance of Prosthetic Heart Valves In Vitro," J. A. Lenker, M.S., Penn State, [1974].

"The Numerical Solution of a Time Dependent Viscoelastic Flow," J. C. Heist, Jr., M.S., Penn State, [1974].

"An Equivalent Circuit for a Sac Type Artificial Ventricle and Mock Circulatory System," G. Miller, M.S., Penn State, [1975].

"Toward a Constitutive Equation for Blood," S. Deutsch, Ph.D., Penn State, [1975].

"The Effect of Erythrocyte Deformability upon the Viscosity and Stability of Bovine Blood Cell Suspension in Circular Couette Flows," M. Belzer, M.S., Penn State, [1976].

"A Method for the Determination of the Effects of Fluid Dynamics on Thrombus Formation," C. Nydegger, M.S., Penn State, [1978].

"Flow Visualization Techniques in Artificial Heart Flows," J. Lenker, Ph.D., Penn State, [1978].

"Fluid Dynamics of the Bjork-Shiley Aortic Valve and PSU Angle Port Prosthetic Ventricle," S. S. Furkay, M.S., Penn State, [1979].

"A Laser Anemometer Study of Unsteady Prosthetic Aortic Valve Flows," P. Alchas, M.S., (Co-Chair), Penn State, [1980].

"Fluid Mechanics in Cardiovascular Flows," M. Steinle, M.S., (Co-Chair), Purdue, [1984].

"The Investigation of Viscosity of Blood Versus Crystalloid Cardioplegics During Coronary Perfusion," N. Francalancia, M.S., Penn State, [1984].

THESES AND DISSERTATIONS SUPERVISED (Continued)

- "Automatic Control of Implantable Motor-Driven Left Ventricular Assist Device," A. Snyder, Ph.D., (Co-Chair), Penn State, [1985].
- "Cycle Resolved Turbulent Shear Stress Measurements Near a Tilting Disc Prosthetic Aortic Valve," R. Privette, M.S., (Co-Chair), Purdue, [1986].
- "Effect of Inlet Condition on Pulsatile Flow Through a Curved Tube," J. Walker, M.S., (Co-Chair), Purdue, [1988].
- "The Stability of Visco-Elastic Fluids in Circular Couette Flow: A Method for Constitutive Modeling," W. Daniels, Ph.D., Penn State, [1988].
- "Development of a Tissue Engineered Small Diameter Vascular Graft: Designing by Cellular Response to Mechanical, Chemical and Physical Properties, A. Feinberg, Ph.D., (Co-Chair), University of Florida, [2004].

REVIEWS/EDITORIAL WORK

- Addison Wesley Publishing Co., Fluid Mechanics Textbooks; Reviewer
- American Society of Mechanical Engineers, Fluids Engineering; Reviewer; Journal of Biomechanical Engineering; Associate Editor, [1976-1980].
- Applied Mechanics Reviews; Reviewer
- Association for the Advancement of Medical Instrumentation; Reviewer
- Biomedical Engineering Society, Annals of Biomedical Engineering; Reviewer
- Biorheology, International Journal of; Reviewer
- Cardiovascular Pathology, Volume 2, Number 3, July - September 1993; Reviewer
- Institute of Electrical and Electronics Engineers, Inc., Transactions on Biomedical Engineering; Reviewer
- International Journal of Science and Engineering; Editorial Advisory Board
- Journal of Fluid Mechanics; Reviewer
- Journal of the American Society for Artificial Internal Organs; Associate Editor, [1982-present].
- Journal of the International Society for Artificial Organs; Reviewer
- National Institutes of Health, Small Business Review Panels, [1984-1988].
- National Science Foundation, Division of Mechanical Engineering and Applied Mechanics; Reviewer, Final Review Panel - Presidential Young Investigators, [1992]; Review Panel - Undergraduate Course and Curriculum Development Program, [1992-1993].
- Physics of Fluids; Reviewer
- The Journal of the International Federation of Automatic Control; Reviewer
- The Whitaker Foundation, Internship Applications; Reviewer, [March, 1996].
- Veterans Administration, Research Reviews
- ZAMP, Journal of Applied Mathematics and Physics; Reviewer

REPRESENTATIVE MISCELLANEOUS ACTIVITIES

- Technical Judge, AIAA Student Paper Competition, National Student Conference of the American Institute for Aeronautics and Astronautics, [1971].
- Discussion Leader, "Space or Property" [with H. Tennekkes], Colloquy, The Pennsylvania State University, [1971].
- Lecturer to the Junior Science and Humanities Symposium on "Biomedical Engineering and Research," PSU, [1971, 1972, 1973].
- Guest Lectures on "Atmospheric Reentry" to Air Force ROTC Classes - The Pennsylvania State University, [1971-1972].

REPRESENTATIVE MISCELLANEOUS ACTIVITIES (Continued)

Course Leader, Coordinate and Lecturer, "Introduction to Biomedical Engineering," The Pennsylvania State University, [Interdisciplinary; Mechanical, Aerospace and Chemical Engineering], [1971-1972].

Elementary School Lecturer, Miscellaneous Topics: "America's Space Program," "The Use of the Slide Rule," "Heart Research & Engineering," "Rockets & Propulsion," [1971-73]; High School Lecturer on "What is an Engineer," Boy Scouts of America on "Bioengineering," [1973-74, 1974-75].

Instrumentation Workshop Participant, Cardiovascular Monitoring, ASAIO, Seattle, WA [April 1972].

Participant, "Institute on Effective Teaching," Swarthmore College, [October 18-20, 1972].

Invited Participant in NASA-MSC Seminar on Function of Man in Space; Investigation in the areas of plasmas, fields and particles. Lunar Science Institute, Houston, Texas, [1972].

Developed New Graduate Course, "Fluid Mechanics of Bioengineering Systems," first offering [Spring 1973] as Aerospace 597b, University approved as Bioengineering 503, 1973, lecture notes by W. M. Phillips distributed as a text, [1973].

Developed and supervision of "Aerospace Colloquium," first offering [Spring 1973, 1973-1974].

Participant Workshop on "Blood in the Extracorporeal Environment," American Society for Artificial Internal Organs, Chicago, [April 3, 1974].

Participant, NASA/University Conference on Aeronautics, University of Kansas, Lawrence, Kansas, [October 23-24, 1974].

Co-Developer, The Pennsylvania State Artificial Heart Assist Pump, [1976].

Fellowship, Gordon Research Conferences on Science and Technology of Biomaterials, Andover, New Hampshire, [July 17-22, 1977].

Invited Attendee, American Heart Association 30th Anniversary Program, Washington, D.C., [February 9, 1978].

Invited Attendee, Gordon Research Conference on Science and Technology of Biomaterials, Andover, New Hampshire, [July 17-22, 1978].

Session Chair, Biorheology, Gas and Surface Interactions, Cryogenics, 1st International Conference on Mechanics in Medicine and Biology, Aachen, Germany, [August 30, 1978]

Session Chair, ASME Winter Annual Meeting on Biofluid Dynamics, New York, New York, [December 1979].

Session Chair, American Society for Artificial Internal Organs, "Artificial Heart/Cardiac Assist," New Orleans, Louisiana, [April 17, 1980].

Session Chair, Fluids, Second International Conference on Mechanics in Medicine and Biology, Osaka, Japan, [June 5, 1980].

Participant, Devices and Technology Branch Contractors Meeting on Cardiovascular Diseases, National Heart, Lung and Blood Institute, Bethesda, Maryland, [December 1-3, 1980].

Member, Lafayette Country Club, [1981-1988].

Professor-in-Residence, General Motors Technical Center, Warren, Michigan, [July 1982, August 1983].

Member, Cosmos Club, Washington, D.C., [1978].

National Science Foundation, Advisory Panel - Engineering Research Centers, [1984].

Member, Rotary Club International; Director, Lafayette Rotary, [1983-1986] President Lafayette Rotary, [1987-1988], Member, Gainesville Rotary, [1989-].

Member, Heritage Club, Gainesville, Florida, [1988-].

Gainesville Area Chamber of Commerce, Member, [1988-1990].

Gainesville Area Innovative Network, Member, [1988-].

National Institutes of Health, Surgery and Bioengineering Study Section, [1988-1991].

National Institutes of Health, Directors Task Force on the NIH Strategic Plan, [1992].

Panelist, Presidential Faculty Fellows (PFF) Program Review, Washington, D.C., [February 4, 1992].

Ad Hoc Reviewer, The Cleveland Clinic Foundation's Department of Biomedical Engineering Review, Cleveland, Ohio, [May 25, 1995].

REPRESENTATIVE MISCELLANEOUS ACTIVITIES (Continued)

- Panel Judge for the United Way 1996 Olympic Torch Relay Community Hero Search, [1996].
- Panelist, "Universities, Companies and the Changing Global Marketplace" SAE International Congress & Exposition Session, Detroit, Michigan, [February 28, 1996].
- Moderator, Total Quality Forum VII, Pittsburgh, Pennsylvania, [March 26-28, 1996].
- Chair, Strategic Issues General Session, ASEE 1996 Engineering Deans Institute, Palm Beach, Florida, [March 31 - April 2, 1996].
- Panelist, Lifetime Employability of Engineers, ASME Industry Advisory Board, Arlington, Virginia, [April 18, 1996].
- Panelist, Leading a Strong, Diverse, Effective Academic Unit Session, Workshop on Academic Management, "Maximizing Your Leadership Potential," Live Oak, Florida, [May 20, 1996].
- Panelist, Engineering Education: Can We Make Changes Session, Annual Convocation of Professional Engineering Societies and the National Academy of Engineering, Washington, DC, [May 21, 1996].
- Panelist, Total Quality and Minority Retention: Inseparable Journeys Session, 20th Anniversary GEM Symposium, Washington, D.C., [June 28, 1996].
- Panelist, Challenges to the U.S. Engineering Community, Convocation of Professional Engineering Societies and the National Academy of Engineering, Washington, D.C., [May 4, 1999].
- Panelist, Structure of Engineering Programs - An International Vision, Chilean Congress on Engineering Education, Concepcion, Chile, [October 6, 1999].
- Co-Moderator, Biomaterials Slide Forum, ASAIO Conference, New York, New York, [June 29, 2000].
- Session Chair, Beyond US Borders: Industry/Education Partnerships in Countries Outside the US, ABET Annual Meeting, Atlanta, Georgia, [October 26, 2000].
- Panelist, Enhancing the Entrepreneurial Culture at the University of Florida, Corporate Leaders Weekend, Gainesville, Florida, [February 24, 2001].
- Panelist, A Global Reporting Initiative: UF Sustainability Indicators Report, Greening UF Conference, Gainesville, Florida, [March 21, 2001].
- Panelist, International Accreditation, International Conference on Engineering Education (ICEE), Oslo, Norway, [August 6, 2001].
- Session Chair, Emerging Accreditation Systems Worldwide," ABET Annual Meeting, Lake Tahoe, Nevada, [November 1, 2001].
- Session Chair, International Education and Accreditation, International Conference on Engineering Education, Manchester, United Kingdom, [August 18-21, 2002].
- Co-Chair, China-U.S. Bilateral Seminar on Engineering Education for a Global Economy, Sanghai and Beijing, People's Republic of China, [October 20-24, 2002].
- Panelist, NSF Panel to Evaluate Biomedical Engineering and Research to Aid Persons with Disability Unsolicited Proposals, Washington, DC, [January 15-16, 2004].
- Panelist, Workforce Education Panel, AIAA International Air & Space Symposium 2004: Sharing a Common Vision, Washington, DC, [April 20, 2004].
- Panelist, The Future of Engineering: The Role of Diversity in Engineering Education, ASME International Mechanical Engineering Congress and Exposition, Orlando, Florida, [November 6, 2005].
- Panelist, Post-Katrina Support Fund Initiative, Louisiana Board of Regents, Baton Rouge, LA, [May 2-4, 2007].
- Facilitator, Environmental Scanning: Strategic Issues, ASME Board of Governors Retreat, Halifax, Canada, [July 11-13, 2007].
- Session Chair, Managing Changing Standards Workshop, International Engineering Alliance Workshops, Singapore, [June 23-25, 2008].
- Session Chair, Washington Accord Signatories Workshop, International Engineering Alliance Workshops, Singapore, [June 24, 2008].
- Plenary II Chair, International Conference on Engineering Education, Beijing, China, [October 21, 2009].
- Security Clearance: Secret, [1963-1986], [1989-2009].

REPRESENTATIVE MISCELLANEOUS ACTIVITIES (Continued)

Security Clearance: Top Secret, [2009-].

Participant, Arizona State University's Vietnam Visit to Intel Corporation, the Ministry of Education and Training (MOET), the Ministry of Science and Technology (MOST) and the Ministry of Labor, Invalids and Social Affairs (MOLISA), Ho Chi Minh City, Vietnam and Hanoi, Vietnam, [August 6-8, 2012].

Private Pilot; Instrument Rated.

CONSULTING EXPERIENCE

Addison Wesley Publishing Co. - Fluid Mechanics Textbooks

American Association for the Advancement of Science - Kentucky National Science Foundation
Experimental Program to Stimulate Competitive Research, and Louisiana Board of Regents'
Post-Katrina Support Fund Initiative

Andros, Inc. - Blood Pumps

Arizona State University

Berry Metal, Inc.-On the Testing & Evaluation of Gas Lance Tips for Use in the Steel Making Industry

Coultronics Corporation; Coultronics France-Viscometry, Laser Diffractometry, Erythrocyte Deformability,
Hemodynamics

Dutch Ministry of Education

Fitzpatrick, Cella, Harper & Scinto, Attorneys - Biomedical Devices and Patents

George Washington University, Dept. of Hematology - Blood Cell Deformability

Hong Kong University of Science and Technology

Korean Advanced Institute of Science and Technology

Kaludis Consulting, King Fahd University of Petroleum and Minerals, Saudi Arabia

Medical Satellite Services - Viscometric Measurements in Blood, Arlington, Texas

Monterrey Institute of Technology, Mexico

National Institutes of Health - Cardiovascular Devices

Nimbus Corp. - Scientific Advisory Committee

Ohio Board of Regents - Programs of Excellence

RAYMARK Corp. - Corporate Scientific Committee, Reporting to the President

Taco, Inc. - On the Development of a Radome for Use on Aircraft Operating at Transonic Speeds

Texas Heart Institute - Cardiovascular Surgery and Devices

Tokheim Corp. - Board of Directors

University of Kuwait - Faculty Evaluations

TYPICAL PROPOSALS AND RESEARCH ACTIVITIES

"Supplemental Support under Biomedical Sciences Support Grant," U.S. Public Health Service, Funded
[with J. A. Brighton], \$10,000, 1971-1972 [through January 1, 1973].

"Simulation Parameters for Hypersonic Transition Regime Flows," National Science Foundation, \$15,000,
Grant No. GK-5559, Funded through March 1972.

"An Investigation of Low Density Nozzle Discharge Coefficients and Their Effect on Exhaust Plume
Scaling" Navy Ordinance Research Laboratory, \$8,046/Year, Funded, 1972-1973.

"An Experimental Study of the Stability of Blood," Support Grant [with J. L. Lumley], Biomedical Sciences,
\$6,032, Funded, 1972-1973.

"Particulate Fluids," PSU Applied Research Laboratory [with J. L. Lumley], Funded, (\$9,658) 1972-1973,
(\$11,345) 1973-1974, (\$14,379) 1974-1975, (\$13,000) 1975-1976.

TYPICAL PROPOSALS AND RESEARCH ACTIVITIES (Continued)

- "The Development of an Artificial Implantable Heart," [with J. A. Brighton and W. S. Pierce], Pennsylvania Science and Engineering Foundation, \$30,000-\$60,000/Year, Grant No. 181, Funded, 1972-1974.
- "Development and Evaluation of an Artificial Heart," National Institutes of Health [with J. A. Brighton, W. S. Pierce and W. O'Bannon], \$171,000, Grant No. HV 3-2966-01, Funded, 1973-1974.
- "Development and Evaluation of an Artificial Heart," [with W. S. Pierce and J. A. Brighton] Penn State Foundation, submitted 1972, \$33,200, Grant No. 368, Funded, 1973-1974.
- "Development and Evaluation of an Artificial Heart," [with W. S. Pierce, J. A. Brighton and W. O'Bannon] to Cardiovascular Devices Branch, Division of Heart and Vascular Diseases, National Heart and Lung Institute, \$180,000, Grant No. NO1-HL-3-2966, Funded, 1974-1975.
- "Pneumatic Power and Pulsatile Pumping Systems: Modeling and Physical Characteristics," [with J. A. Brighton] National Science Foundation, \$100,000, Grant No. ENG 74-11527, Funded, 1974-1976.
- "Development and Evaluation of an Artificial Heart," by W. S. Pierce, J. A. Brighton and W. M. Phillips, to Devices and Technology Branch, Division of Heart and Vascular Diseases, National Heart and Lung Institute, August 1975, \$90,000 for one year, Grant No. NO1-HV-3-2966, Funded, 1975-76.
- "Rheology of Biological Fluids; Blood Flow," Research Career Program Public Health Service, Grant No. 1 KO4 HL00085-01-02, \$24,732+/Year for 3 Years, \$75,000, Funded, 1975-1980.
- "Effect of Fluid Dynamics on Thrombus Formation in Prosthetic Devices," Public Health Service Biomedical Support Grant [with J. A. Brighton], \$9,546/Year, Funded, 1976-1977.
- "Development and Evaluation of an Artificial Heart," National Institutes of Health, Public Health Service [with W. S. Pierce], \$1,267,543 for 5 years, submitted February 1976, \$174,464/Year, Grant No. 1-RO1-HL-20356-01 to 05, Funded, 1976-1977 with continuation for 3 years.
- "Flow Studies Applied to Prosthetic Devices," National Science Foundation [with J. A. Brighton], \$40,000/Year, Grant No. ENG 76-23220, Funded, 1976-1978.
- "Stability of High Concentration Particulate Fluids in Circular Couette Flow: Application to the Determination of Constitutive Equations," Applied Research Laboratory, The Pennsylvania State University, Funded, (\$13,000) 1977-1978, (\$14,000) 1978-1979.
- "Fluid Mechanical Studies in Pulsatile Flows," to National Science Foundation, \$103,819 for two years. Submitted to NSF [ID No. 7906605], December 1978.
- "On Line Blood Flowmeter for an Artificial Heart," with A. D. Brickman, The Pennsylvania Research Corporation, \$7,000, Funded, 1978-1979.
- "Hemodynamics/Blood Rheology," Continuation of Career Development Award at increased funding, NIH, Grant No. KO4-HL00085-03 to 05, NHLBI, 1978-80, \$38,000/Year, \$76,000 Funded to 1980.
- "Left Ventricular Bypass for Myocardial Infarction" [with W. S. Pierce] to National Institutes for Health, \$1,200,000 [Engineering portion - \$40,000/Year] for 5 years, Grant No. 2-RO1-HL-13426-09, Funded, 1978-1983.
- "Data Processing System for the Artificial Heart and Left Ventricular Bypass Research," NIH/PHS matching funds with Provost equipment grant, \$15,000, Funded, 1979.
- "Laser-Doppler Anemometer Studies," Biomedical Research Support Grant, The Pennsylvania State University, \$7,000, Funded, 1979-1980.
- "Particulate Fluids," Applied Research Lab., The Pennsylvania State University, \$15,000, Funded, 1979-1980.
- "Cardiac Assist," Barsumian Foundation. Support \$20,000, Funded, 1980-1981.
- "Stability of Non Newtonian Fluids," Applied Research Lab., The Pennsylvania State University, Naval Sea Systems Command, \$16,000, Funded, 1980-1981
- "Development and Evaluation of an Artificial Heart," National Institutes of Health, Public Health Service [with W. S. Pierce], approximately \$220,000/Year, Funded, 1980-1983.
- "High Concentration Particulate Fluids," Applied Research Lab., The Pennsylvania State University, Naval Sea Systems Command, \$15,000, Funded, 1981-1982.
- "Laser Doppler and Laser Diffraction Studies in Cardiovascular Fluid Mechanics and Blood Rheology," Purdue University, Showalter Foundation Grant. Support \$70,000. Funded, 1981-1982.

TYPICAL PROPOSALS AND RESEARCH ACTIVITIES (Continued)

"Hemodynamics Evaluation of Prosthetic Heart Valves," Data Scope Corp. \$10,000. Funded, 1982.

Numerous proposals for funding and equipment grants as head of the School of Mechanical Engineering on behalf of the School resulting in; \$300,000 to \$1.3M/year in support funds and equipment grants, an increase in fellowships from 3 to 23 for the School and a steady increase in research support for the School each year, research expenditures at 4.9M in 1985-86 for the School of Mechanical Engineering, Purdue University, 5.6M 1986-87, 6.8M 1987-88.

Research, College of Engineering, University of Florida; expenditures \$27M, 1987-1988; expenditures \$37M, 1988-1989; \$41.5M, 1989-1990; \$40.6M, 1990-1991; \$42.5M 1992-1993; \$45M, 1993-1994; \$46M, 1994-1995.

Proposals for Development, Interdisciplinary Research etc. as Dean, College of Engineering, University of Florida, [1988-].

Proposal for Center in Dental Biomaterials; University of Florida, NIH, Review Board, Funded at \$2M in 1989-1994.

Economic Development, Florida Board of Regents, Principal Investigator, \$100,000, [1992-1993].

Southeastern University and College Coalition for Engineering Education (SUCCEED), National Science Foundation, Chair of SUCCEED Executive Committee and Council of Deans, \$15M, [1992-97].

Center for Particle Science and Technology, Chair, Advisory Board, National Science Foundation Research Center, \$12M, [1994-1999].

Whitaker Foundation, Biomedical Engineering, Special Opportunity Grant, Co-investigator, \$1M, [1998-2000].

National Science Foundation, Graduate Research Fellowship Program, Principal Investigator, \$913,807.31, [1999-].

National Aeronautics and Space Administration, Space Biotechnology and Commercial Applications, Principal Investigator, \$4M, [2002-2003].

National Institutes of Health, NCRN Research Resources, UF Human Subjects Research Enhancements Program, \$149,960, [2002-2004].

National Science Foundation, Florida Interdisciplinary Center for Environmentally Sound Solutions, Principal Investigator, \$599,993, [2002-2006].

National Institutes of Health, University of Florida Communicore Animal Facility Annex Construction, Principal Investigator, \$3,600,000, [2004-2009].

Health Resources & Services Administration, Health Care and Other Facilities Equipment Only Grant, Principal Investigator, \$1,964,130, [2005-2010].

National Institutes of Health, BSL-3 Emerging Pathogens Research Facilities, Principal Investigator, \$2,076,885, [2005-2010].

Florida Legislature, 21st Century Technology, Research and Scholarship Enhancement Act, Principal Investigator, \$13,250,000, [2006-2015].

U.S. Department of Commerce, Aquatic Animal Health Facility: Measuring Biotic Outcomes of Environmental Stress, Principal Investigator, \$1,267,086, [2009].

TEACHING EXPERIENCE – COURSE REFERENCE

Graduate Compressible Flow and Gasdynamics [AERSP 510].

"The Dynamics and Thermodynamics of Compressible Fluid Flow," by Shapiro

Notes of Instructor

"Viscous Hypersonic Flow," by Dorrance

Physical Gas Dynamics [Aersp 415].

"Physical Gas Dynamics," by Vincenti & Kruger

Handout Notes by Instructor

TEACHING EXPERIENCE – COURSE REFERENCE (Continued)

Compressible Flow [Aersp 3].

"Elements of Gas Dynamics," by Liepmann & Roshko

"High Speed Wind Tunnel Testing," by Pope

Senior Thesis - Individual Research/Thesis by Senior Aerospace Engineering Students [Aersp 416-417].

Laboratory experiments in many aspects of Aerospace Engineering.

Notes on technical writing, basic programming, engineering experimental methods

"High Speed Wind Tunnel Testing," and "Wind Tunnel Testing," by Pope

"Scientific Foundations of Vacuum Technique," by Dushman

Current Literature in specific field of student interest

Fluid Mechanics [Aersp 201].

"Mechanics of Fluids," by Shames

Introduction to Biomedical Engineering [BioE 401].

"Biomedical Engineering," by Brown, Jacobs and Stark

Current Literature Engineering Mechanics & Physics [at the University of Virginia].

"Physics," by Halliday and Resnick

"Engineering Mechanics," by McLean and Nelson

Teaching Laboratory for first year students [Engr. 5].

Notes, PSU Laboratory Manual

Individualized Experimentation

Fluid Mechanics of Bioengineering Systems [Graduate] [BioE 503].

Current Literature and Notes Written by W. M. Phillips

Viscous Fluids and Asymptotic Methods [Graduate] [Aersp 512].

"Perturbation Methods in Applied Mathematics," by J. Cole

"Perturbation Methods in Fluid Mechanics," by M. Van Dyke

Principles of Flight Testing [Aersp 512].

Introduction to Aircraft Flight Test Engineering

Senior Design Projects Engineering Science [401, 402, 403].

Current Literature

Selected Topics in Mechanical Engineering [ME 506].

Technical Literature and Handbooks

Research and Thesis [Aerospace 600, Mechanical Engineering 600, Bioengineering 600, PhD Dissertation 601].

Graduate Fluid Mechanics [Aerospace 508].

Notes by Instructor, Text, G. K. Batchelor

Mathematical Methods in Viscous Fluid Mechanics [Aerospace 512].

Notes by Instructor

Space Propulsion [Aerospace 430].

"Propulsion," Hill and Peterson

Notes on Nuclear, Ion Propulsion

REFERENCES WILL BE PROVIDED UPON REQUEST

Profile

David

First Name

Middle
Initial

Norton

Last Name

dpnorton@ufl.edu

Email Address

2449 NW 93rd St

Street Address

Suite or Apt

Gainesville

City

FL

State

32606

Postal Code

District 2

Ward

Mobile: (352) 871-5191

Primary Phone

Mobile: (352) 871-0097

Alternate Phone

University of Florida

Employer

Vice President for Research

Job Title

Which Boards would you like to apply for?

Gainesville/Alachua County Regional Airport Authority

Are you applying for Empowerment Center Oversight Advisory Board?

Yes No

Are you an Alachua County Resident?

Yes No

Cell

Primary Phone Type

Alternate Phone Type

Interests & Experiences

Why are you interested in serving on a board or commission?

For the past two years, I have served on the Gainesville/Alachua County Regional Airport Authority. This regional airport plays an important role for a community, including the University of Florida. The continued growth of the airport is critical to future prosperity for our community. As an administrator at UF, supporting the mission of the Gainesville/Alachua County Regional Airport is critically important to the campus and UF's aspirations as national university.

[DP_NORTON_CV_Oct_2015.pdf](#)

Upload a Resume

Please upload a file

Demographics

Caucasian/Non-Hispanic

Ethnicity

Male

Gender

Are you a City of Gainesville Employee?

Yes No

Are you a City of Gainesville Intern?

Yes No

Are you currently on a City Advisory Board/Committee?

Yes No

If yes, which Advisory Board/Committee?

**GAINESVILLE/ALACHUA COUNTY REGIONAL AIRPORT AUTHORITY
CERTIFICATION OF APPLICATION FOR MEMBERSHIP**

This is to certify that I, David P. Norton, am aware of an am in compliance with the membership requirements of sections of the State Legislation 2006-363 which established the Gainesville/Alachua County Regional Airport Authority:

Section 2, Paragraph 9:

- (9) "Person" means any individual, firm, partnership, corporation, company, association, joint stock association, or body politic and includes any trustee, receiver, assignee, or other similar representative thereof.

Section 4, Paragraph 1:

- (1) **MEMBERSHIP:** The powers of the authority shall be vested in its members in office from time to time. There shall be nine members. No member shall receive any compensation for services as a member. As a condition of eligibility for appointment and to hold office, each member shall reside within the city or the county. However, one member appointed by the Governor may reside in a county contiguous to Alachua County. No person shall serve as a member of the authority and, at the same time, hold any publicly elected office in the State of Florida.

Section 4, Paragraph 5:

- (5) All members appointed subsequent to the effective date of this act shall serve 3-year terms of office, beginning on August 1 and expiring on July 31 of the appropriate year.

Section 6, Paragraphs 1 & 2:


RESTRICTIONS:

- (1) No person who has transacted business with the authority shall be eligible for appointment to the authority until 3 years after the last transaction. No person who has served on the authority shall be eligible to transact business with the authority until 3 years after the person's last date of service. Said transactions include transactions either for oneself or as an employee of, agent for, or consultant to any other person or legal entity.

However, nothing in this paragraph shall be construed as prohibiting an appointed member from purchasing supplies or services from any fixed-base operators or tenants at the airport or Airport Industrial Park, or for renting individual aircraft hangars or tie-downs offered to the general public and owned by the authority, provided that the price and terms of the transaction are available to all members of the public.

- (2) No member, officer, agent, or employee of the authority, either for himself or herself or as agent for anyone else, or as a stockholder or owner in any other legal entity, shall participate in or benefit directly or indirectly from any sale, purchase, lease, franchise, contract, or other transaction entered into by the authority or the city. The provisions of this subsection shall be cumulative to any general laws of the state that may from time to time be applicable to members, officers, agents, or employees of the authority and that require the disclosure of, or prohibit, conflicts of interest.

I, HEREBY CERTIFY that I am in full compliance with the restrictions set forth in Section 2006-363, Laws of Florida, and I am eligible to be considered for appointment to the Gainesville/Alachua County Regional Airport Authority, and that I retain a copy of these restrictions/requirements.



Signature

7/19/16

Date

This supplement to the Gainesville/Alachua County Regional Airport Authority application is required to be included with the application before it can be submitted to the City Commission for consideration. Please fill in your name, print, sign and date this supplemental, attach it to your application and mail or email to:

Clerk of the Commission
Airport Supplemental
P.O. Box 490 MS 18
Gainesville, FL 32627-0490
depclerk@cityofgainesville.org

Remember to retain a copy for your records.

David P. Norton

BIOGRAPHICAL INFORMATION

Personal Information

- Personal Contact: 2449 NW 93rd St
Gainesville, FL 32606
Phone: (325) 871-5191 (cell)
Email: dpnort@gmail.com
- Office Contact: University of Florida
Office of Research
223 Grinter Hall
PO Box 115500
Gainesville, FL 32611-65506
Phone: (352) 392-9271 (office)
(352) 871-0097 (cell)
FAX: (352) 846-0491
Email: dpnorton@ufl.edu
- Citizenship: USA

Education

- Ph.D., Electrical and Computer Engineering, Louisiana State University (1989)
- B.S., Electrical and Computer Engineering (Magna Cum Laude), Louisiana State University (1984)

Professional Experience

- Vice President for Research, University of Florida (2012-present)
- President, University of Florida Research Foundation (2013-present)
- Associate Dean for Research, College of Engineering, University of Florida (2009-2012)
- Professor, Dept. of Materials Science and Engr, University of Florida (2003-present)
- Associate Professor, Dept. of Materials Science and Engr, University of Florida (2000-2003)
- Sr. Research Staff Member, Solid State Division, Oak Ridge National Laboratory (1997-2000)
- Research Staff Member, Solid State Division, Oak Ridge National Laboratory (1991-1997)
- Eugene P. Wigner Postdoctoral Fellow, Oak Ridge National Laboratory (1989-1991)

Honors and Awards

- Fellow, National Academy of Inventors (2012)
- Fellow, American Association for the Advancement of Science (2009)
- Fellow, American Physical Society (2007)
- Fellow, American Vacuum Society (2006)
- UF Research Foundation Research Professorship (2007)
- UF College of Engineering Doctoral Dissertation Advisor Award (2007)
- UF-MSE Faculty Excellence Award (2004)
- DOE Energy 100 Award for RABiTS Superconducting Tape (2001)
- Federal Laboratory Consortium (FLC) 2001 Award for Excellence in Technology Transfer (2001)
- Second-in-Class Award, Ceramographic Competition, Scanning Electron Microscopy Category, 2001. Annual Meeting of the American Ceramic Soc., Indianapolis, IN (2001)
- R&D 100 Award for Coated Superconducting Tape (1999)
- American Museum of Science and Energy Technological Achievement Award (1999)
- Lockheed-Martin Technical Achievement Award (1999)

- National Academy of Engineering Frontiers of Engineering Invitee (1998)
- Lockheed-Martin Corporation Nova Award (1997)
- Lockheed-Martin Technical Achievement Award (1997)
- Lockheed-Martin Significant Event Award (1996)
- Dept. of Energy Division of Materials Research Competition Award (1996)
- Martin Marietta Energy Systems Technical Achievement Award (1991)
- Martin Marietta Energy Systems Significant Event Award (1991)
- Martin Marietta Energy Systems Technical Achievement Award (1990)
- Martin Marietta Energy Systems Significant Event Award (1990)
- ORNL Eugene P. Wigner Postdoctoral Fellow (1989)
- Louisiana State University 1989 Distinguished Dissertation Award (1989)
- Louisiana State University Troy H. Middleton Scholarship (1985)
- Louisiana State University Alumni Federation Fellow (1984)

ADMINISTRATIVE EXPERIENCE

- President, University of Florida Research Foundation (2013-present)
 - Chief Executive Officer for not-for-profit Direct Service Organization that assists in the commercialization of intellectual properties, which include inventions, discoveries, processes and work products.
 - Oversight of the Office of Technology Licensing which manages patents, licensing, startup, and economic development
 - Oversight of the university's two successful startup incubators, the Sid Martin Biotechnology Incubator and the Innovation Hub.
- Vice President for Research, University of Florida (2012-present)
 - Institutional official overseeing the University of Florida's ~\$700M/yr research enterprise and associated policies/procedures
 - Management of the Division of Sponsored Programs which handles proposal submission and award negotiation for the UF campus
 - Oversight of various university-wide research institutes, centers, and auxiliaries
 - Facilitate interdisciplinary research across colleges
 - Oversight of research compliance across the University which include export control, outside activities, conflict of interest, IRB, IACUC, and research-related fiscal matters.
 - Interface with business leaders and organizations at the local and state levels
 - Interface with government leaders and agencies at the local, state, and federal levels
 - Serve as Institutional Official for Institutional Review Board and IACUC
 - Serve as liaison between the University and external research entities
 - Promotion and development of research contract and grant activities from external sponsors.
- Associate Dean for Research, College of Engineering, University of Florida (2009-2012)
 - Support faculty, post-docs, and students within the College in developing and maintaining internationally recognized research programs
 - Identifying new research opportunities, facilitating interdisciplinary pursuits, and promote the College's research portfolio to research sponsors
 - Serve as the College's primary interface with the UF Division of Sponsored Research.
 - Oversight of the Office of Engineering Research which assists faculty with proposal submissions and administration of awards.
 - Review and approval of all research proposals and cost sharing commitments.

- Oversee compliance efforts in the College which include export control, outside activities, conflict of interest, IRB, IACUC, and research-related fiscal matters.
- Oversees various College-wide centers, institutes, and auxiliaries

PROFESSIONAL SERVICE

Professional Service / National and International

- Board Member, Council on Government Relations 2015-present
- Member, APLU Council on Research Executive Committee 2014-present
- Member, AAU Senior Research Officers Planning Committee 2015-present
- Trustee, Southeastern Universities Research Association 2012-present
- Councilor, Oak Ridge Associated Universities 2012-present
- Representative, National Academies Government-University-Industry Research Roundtable 2015-present
- Chair, Materials Research Society Government Agencies Subcommittee 2013-present
- Member, Materials Research Society Government Affairs Committee 2010-present
- Proposal Review Committee, Oak Ridge National Laboratory 2006-present
Center for Nanophase Materials Sciences (CNMS)
- Review Panelist, NSF Office of Integrative Activities, Arlington, VA 2015
- Program Reviewer, Science Foundation Ireland, Centre for Research on Adaptive Nanostructures and Nanodevices, Trinity College Dublin, Ireland 2013
- Program Reviewer, Science Foundation Ireland, Centre for Research on Adaptive Nanostructures and Nanodevices, Trinity College Dublin, Ireland 2011
- Review Panelist, NSF Div. of Materials Research, Arlington, VA 2011
- ORNL NA-22 Program Review, Oak Ridge National Laboratory 2010
- Review Panelist; 2009 DOE Annual Superconductivity Peer Review, Washington, D.C. August 2009 2009
- ORNL NA-22 Program Review, Oak Ridge National Laboratory 2008
- ORNL DOE Center Proposal Review, Oak Ridge National Laboratory 2008
- On-Site Reviewer, NSF Materials Research Science and Engineering Center, Yale University, Connecticut 2009
- Review Panelist; 2006 DOE Annual Superconductivity Peer Review, Washington, D.C. July 2006
- Review Panelist; 2005 DOE Annual Superconductivity Peer Review, Washington, D.C. July 2005
- Review Panelist; 2004 DOE Annual Superconductivity Peer Review, Washington, D.C. July 2004
- Review Panelist; 2004 NSF CAREER Awards, Washington, D.C., October 2004
- Panelist for Reverse-Site Proposal Review; NSF MRSEC Awards, Washington, D.C. May, 2005
- Review Panelist; 2003 DOE Annual Superconductivity Peer Review, Washington, D.C. July 2003
- Review Panelist; 2002 DOE Annual Superconductivity Peer Review, Washington, D.C. July 2002
- Executive Committee, Electronic Materials and Processing Division, 2002

- American Vacuum Society,
- Reviewer for grant proposals to the National Science Foundation, Air Force Office of Scientific Research, Department of Energy

Professional Service / State and Regional

- Interim Director, Florida Energy Systems Consortium 2015-present
- Board Member, Florida Research Consortium 2012-present
- Member, Florida Research Consortium Innovation Solution Steering Committee 2014-present
- Board Member, Gainesville - Alachua County Regional Airport Authority 2015-present
- Member, Florida Inventors Hall of Fame Selection Committee 2014-present

Professional Service / University

University Level

- Vice President for Research, University of Florida 2012-present
- President, University of Florida Research Foundation 2013-present
- Member, UF Foundation Pre-Campaign Steering Council 2015-present
- Member, Presidential Search Committee 2014
- Member, Presidential Search Committee 2012
- Interim Director, Florida Institute for Sustainable Energy 2010-2012
- Nanoscience Institute for Medical and Engineering Technologies Committee (NIMET) 2004-2011
- UF Task Force on the Governor's Initiative in Technology 2002

College Level

- Associate Dean for Research 2009-2012
- Chair, Search Committee for Associate Dean for Academic Affairs 2010
- Chair, College of Engineering Nanotechnology Bldg. Committee 2001-2002
- NanoScience and Technology Ctr. Faculty Steering Committee 2002-2004
- UF NanoFabrication Facility Committee 2003-2008
- UF Nanofabrication Facility Director 2006-2008
- Nanoscale Research Facility Cleanroom Director 2008

Department Level

- MAIC Committee 2003-2010
- MSE Safety Committee 2004-2008
- Dept. of Materials Science and Engr. Curriculum Committee 2002-2008
- Dept of Materials Science and Engr. Qualifying Exam Committee 2002-2008
- Search Committee for Faculty, Materials Science and Engr. 2002
- Search Committee for Nanoscience Faculty, Dept. of Physics. 2002-2004
- Search Committee for Dept. Chair, Materials Science and Engr. 2002-2003
- Search Committee for MSE Assistant in Engr. 2002-2003

Activities in Organizing Professional Conferences

- International Program Committee: 17th International Workshop on Oxide Electronics, Jawaji City, Japan, October 2010.
- International Program Committee: 16th International Workshop on Oxide Electronics, Tarragona, Spain, October 2009.
- Session Co-Organizer, Focused Session on Zinc Oxide: Growth, Doping, Defects, Nanostructures, and Devices; Electronic Materials Conference, Pennsylvania, June 2009

- Focused Session Organizer, 33rd International Conference on Advanced Ceramics and Composites (ICACC), Daytona Beach, FL , January 2009
- Session Co-Organizer, Focused Session on Zinc Oxide: Growth, Doping, Defects, Nanostructures, and Devices; Electronic Materials Conference, California, June 2008
- Focused Session Organizer, 32nd International Conference on Advanced Ceramics and Composites (ICACC), Daytona Beach, FL , January 2008
- Symposium Organizer, Zinc Oxide and Related Materials, 2007 Fall Meeting of the Materials Research Society, Boston, MA November, 2007.
- International Program Committee: 14th International Workshop on Oxide Electronics, Jeju Island, Korea, October 2007.
- Subcommittee Member: 34th International Symposium on Compound Semiconductors (ISCS 2007), Kyoto University, Kyoto, Japan, October 2007
- Session Co-Organizer, Focused Session on Zinc Oxide: Growth, Doping, Defects, Nanostructures, and Devices; Electronic Materials Conference, Indiana, June 2007
- Session Co-Organizer, Focused Session on Zinc Oxide: Growth, Doping, Defects, Nanostructures, and Devices; Electronic Materials Conference, Pennsylvania, June 2006
- International Program Committee: 13th International Workshop on Oxide Electronics, Ischia, Italy, October 2006.
- Session Organizer: Multi-Functional Materials and Devices: 2006 Lester Eastman Conference On High Performance Devices, Cornell University, Ithaca, NY August 2006
- Co-Organizer: 12th International Workshop on Oxide Electronics, Chatham, MA, October 2005.
- Focused Session Organizer, APS DMP, American Physical Society March Meeting, Los Angeles, CA March 2005
- Session Co-Organizer, Focused Session on Zinc Oxide: Growth, Doping, Defects, Nanostructures, and Devices; Electronic Materials Conference, Santa Barbara, CA, June 2005
- Symposium Organizer, Functional and Multifunctional Oxide Films, 2004 Fall Meeting of the Materials Research Society, Boston, MA November, 2004.
- International Program Committee: 11th International Workshop on Oxide Electronics, Japan, September 2004.
- International Program Committee: 10th International Workshop on Oxide Electronics, Augsburg, Germany, September 2003.
- Session Chair, ONR Workshop on Epitaxial Heterogeneous Interfaces – Formation & Epitaxy, Tenaya Lodge at Yosemite, Fish Camp, CA, May, 2003
- Session Chair, 2003 Spring Meeting of the Materials Research Society, San Francisco, CA, April 2003
- International Program Committee: 10th International Workshop on Oxide Electronics, Augsburg, Germany, September 2003.
- Session Chair, 2002 Fall Meeting of the Materials Research Society, Boston, MA, November 2002
- Organizer and Co-Chair, 9th International Workshop on Oxide Electronics, St. Petersburg, FL, October 2002.
- Session Chair, 5th European Conference on Applied Superconductivity, Copenhagen, Denmark, August 2001.
- Organizing Committee: 8th International Workshop on Oxide Electronics, Osaka, Japan, September 2001.
- International Advisory Committee: Second International Symposium on Laser Precision Microfabrication, Singapore, May 2001
- Program Committee: SPIE International Symposium on High-Power Lasers and Applications; Conference on Laser Applications in Microelectronic and Optoelectronic Manufacturing VI, San Jose, CA, January 2001.
- Organizing Committee: 7th International Workshop on Oxide Electronics, Les Diablerets, Switzerland, October 2000.

- Session Chair, 2000 International Conference on Electronic Materials and European Materials Research Society Meeting, Strasbourg, France, June 2000.
- Symposium Organizer and Co-Chair: "Symposium on Laser-Solid Interactions for Materials Processing," Spring Meeting of the Materials Research Society, San Francisco, CA April 2000.
- Session Chair, Spring Meeting of the Materials Research Society, San Francisco, CA, April 2000.
- Symposium Organizer and Co-Chair, "Symposium on Substrate Engineering-Paving the Way to Epitaxy," Fall Meeting of the Materials Research Society, Boston, MA, November 1999.
- Session Chair, Fall Meeting of the Materials Research Society, Boston, MA 1999
- Session Chair, Spring Meeting of the Materials Research Society, San Francisco, CA 1998.
- Organizer, DMP Focused Sessions: "Laser Ablation and Low-Energy Beam-Assisted Film Growth", American Physical Society March Meeting, Kansas City, MO, March 1997
- Conference Organizer and Co-Chair, "Advanced Applications of Lasers in Materials Processing," IEEE/LEOS Summer Topical Meeting, Keystone, CO, March 1996.
- Session Chair, Spring Meeting of the Materials Research Society, San Francisco, CA 1995.
- Session Chair, TMS Annual Meeting, Las Vegas, NV 1995.
- Symposium Organizer and Co-Chair, "Symposium on Advanced Laser Processing of Materials-Fundamentals and Applications," Fall Meeting of the Materials Research Society, Boston, MA, November 1995.
- Session Chair, Spring Meeting of the Materials Research Society, San Francisco, CA 1995.
- Session Chair, ETL Workshop on High Temperature Superconductors, Tsukuba-shi, Japan 1993.
- Symposium Organizer and Co-Chair, "Symposium on Laser Ablation in Materials Processing: Fundamentals and Applications," Fall Meeting of the Materials Research Society, Boston, MA, November 1992.

Editorial Activities For Scholarly Journals

- Associate Editor, Journal of Crystal Growth (2002-present)
- Reviewer for the following journals: Applied Physics Letters, Journal of Applied Physics, Journal of Materials Research, Physical Review B, Physical Review Letters, Physica B, Physica C, Physica E, Journal of Vacuum Science and Technology, Applied Physics A, Advanced Materials, Surface and Coating Technology, Journal of Physics: Condensed Matter, Journal of Physics D: Applied Physics, The Journal of Physical Chemistry, Crystal Growth & Design, Chemical Physics Letters, Materials Letters, Applied Surface Science, Inorganic Chemistry, Materials Research Bulletin, Semiconductor Science and Technology, Superconductor Science and Technology

Professional Society Membership

- Fellow, American Physical Society
- Fellow, American Vacuum Society
- Fellow, American Association for the Advancement of Science
- Member, Materials Research Society
- Member, American Society for Engineering Education
- Member, Electrochemical Society
- Member, Institute of Electrical and Electronic Engineers
- Member, American Ceramic Society

RESEARCH EXPERIENCE

Research Interests

- Thin-Film Electronic Materials (synthesis, properties, and devices)
- Electronic Oxides (superconductors, ferroelectrics, dielectrics, magnetic and optical)
- Nanostructure Synthesis and Properties

Supervised Ph.D. Dissertations Completed

1. Kyeong-Won Kim "Growth and characterizations of complex oxide thin film heterostructures via pulsed laser deposition," August 2012
2. Seonhoo Kim, "Room Temperature Deposited Amorphous Semiconducting Oxides and Perovskite Complex Oxide Heterostructures," December 2011
3. Joseph Cianfrone, "Functional complex oxide thin films and related superlattices grown via pulsed laser deposition," December 2010
4. Fernando Lugo, "Synthesis and characterization of silver doped zinc oxide thin films for optoelectronic devices," May 2010
5. Patrick Sadik, "Examination of ZnO, CuCrO₂, and CuScO₂ properties for use in transparent electronics and chemical sensors," August 2009.
6. Charlee J. Callender, "Synthesis and characterization of BaFeO₃ and BiFeO₃ epitaxial films," May 2009.
7. Lii-Cherng (Daniel) Leu, "Development of alternative diffusion barriers for advanced copper interconnects," December 2008
8. Hyun-Sik Kim, "Growth and characterization of ZnO thin films for light emitting diodes," May 2008
9. Li-Chia Tien, "Synthesis and applications of metal oxide nanowires," May 2008
10. Mat Ivill, "Development of transition-metal doped Cu₂O and ZnO dilute magnetic semiconductors for spintronic applications," August 2007
11. Jean-Marie (George) Erie, "Pulsed laser deposition of doped ZnO and (Mg,Zn)O films for optoelectronic applications," May 2007
12. Seemant Rawal, "Alternative nitride diffusion barriers on silicon and germanium for copper metallization," December 2006
13. Kyung-Hoon Kim, "Nucleation and epitaxy of conductive buffers on (001) Cu For coated high-temperature superconducting conductors," August 2005
14. Hyung-Jin Bae, "Epitaxial Growth and Properties of KTaO₃ and Related Alloys," May 2005
15. Yuanjie Li, "development of ZnO-based thin film transistors and phosphorus-doped ZnO and (Zn,Mg)O by pulsed laser deposition," May 2005
16. Byoung-Seong Jeong, "Growth and Ferromagnetic Semiconducting Properties of TiO₂ thin films: an oxide-diluted magnetic semiconductor (O-DMS) for spintronics," May 2004
17. Jennifer Sigman, "Dielectric Response of K(Ta,Nb)O₃ thin films and superlattices grown by pulsed laser deposition," August 2004
18. Seh-Jin Park, "Growth of biaxially textured template layers using ion beam assisted deposition," December 2004
19. Yongwook Kwon, "Fabrication and characterization of ZnO-Based thin film field effect transistors," December 2004
20. Young-Woo Heo, "Growth and characterization of ZnO nanowires and thin films," December 2003.

Patents Issued

1. Norton DP, Park S-J, "Method of producing biaxially textured substrates and related articles, devices and systems," August 4, 2009, US Patent #7,569,521
2. Norton DP, Selvamanickam V, "Method of producing biaxially textured buffer layers and related articles, devices and systems," February 1, 2005, US Patent #6,849,580
3. Norton DP, Park C, Goyal A, "Buffer architecture for biaxially textured structures and method of fabricating same," April 6, 2004, US Patent #6,716,795
4. Goyal A, Kroeger DM, Paranthaman M, Lee DF, Feenstra R, Norton DP, "Method of depositing a protective layer over a biaxially textured alloy substrate and composition therefrom," September 17, 2002, US Patent #6,451,450
5. Norton DP "Method of physical vapor deposition of metal oxides on semiconductors," April 10, 2001, US Patent # 6,214,712.
6. Budai JD, Christen DK, Goyal A, He Q, Kroeger DM, Lee DF, List III FA, Norton DP, Paranthaman M, Sales BC, Specht ED, "High Tc YBCO superconductor deposited on biaxially textured Ni substrate," October 19, 1999, US Patent #5,968,877
7. Goyal A, Budai JD, Kroeger DM, Norton DP, Specht ED, Christen DK, "Structures having enhanced biaxial texture," September 28, 1999, US Patent #5,958,599
8. Goyal A, Budai JD, Kroeger DM, Norton DP, Specht ED, Christen DK, "Structures having enhanced biaxial texture and method of fabricating same," April 27, 1999, US Patent #5,898,020
9. Goyal A, Budai JD, Kroeger DM, Norton DP, Specht ED, Christen DK, "Structures having enhanced biaxial texture and method of fabricating same," April 21, 1998, US Patent #5,741,377
10. Goyal A, Budai JD, Kroeger DM, Norton DP, Specht ED, Christen DK, "Structures having enhanced biaxial texture and method of fabricating same," April 14, 1998, US Patent # 5,739,086

Publication Record

Author/co-author of over 360 refereed journal articles. Publications cited over 15,500 times; *h*-index is 60.

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2. Lawrie BJ, Kim KW, Norton DP, Haglund RF, "Plasmon-Exciton Hybridization in ZnO Quantum-Well Al Nanodisc Heterostructures," *Nano Letters* 12 (2012), 6152-6157.
3. Kim, KW, Lugo FJ, Lee JH, Norton DP, "The effects of ZnO buffer layers on the properties of phosphorus doped ZnO thin films grown on sapphire by pulsed laser deposition," *Journal Of Physics D-Applied Physics* 45 (2012), 455102.
4. Kim KW, Ghosh S, Buvaev S, Mhin S, Jones JL, Hebard AF, Norton DP, "Magnetic and magnetotransport properties of Ba₂FeMoO₆ pulsed laser deposited thin films," *Journal of Applied Physics* 112, (2012) 083923.
5. Heo YW, Pearton SJ, Norton DP, "Size-Dependent Electrical Conductivity of Indium Zinc Oxide Deposited by RF Magnetron Sputtering," *Journal Of Nanoscience And Nanotechnology* 12 (2012), 3264-3267.
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7. Socol G, Craciun D, Mihailescu IN, Stefan N, Besleaga C, Ion L, Antohe S, Kim KW, Norton D, Pearton SJ, Galca AC, Craciun V, "High quality amorphous indium zinc oxide thin films synthesized by pulsed laser deposition," *Thin Solid Films* 520 (2011), 1274-1277.
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Books Edited

1. Advances in Electronic Ceramics II, Eds. Shashank Priya, Anke Weidenkaff, and David P. Norton, Volume 30, Issue 9, Wiley, 2009.
2. Developments in Strategic Materials, Eds. H.-T. Lin, K. Koumoto, W. M. Kriven, E. Garcia, I. E. Reimanis, and D. P. Norton, Volume 29, Issue 10, 2008.
3. Laser-Solid Interactions for Materials Processing, Eds. D. Kumar, D. P. Norton, C. B. Lee, K. Ebihara, and X. Xi, Materials Research Society Proceedings Volume 617, MRS, 2001.
4. Substrate Engineering-Paving the Way to Epitaxy, Eds. D. P. Norton, D. G. Schlom, N. Newman, and D. H. Matthesen, Materials Research Society Proceedings Volume 587, MRS, 2000.
5. Advanced Laser Processing of Materials-Fundamentals and Applications, Eds R. K. Singh, D. Norton, L. D. Laude, J. Narayan, and J. Cheung, Materials Research Society Proceedings Volume 397, MRS, 1996.
6. Laser Ablation in Materials Processing: Fundamentals and Applications, Eds B. Braren, J. J. Dubowski, and D. Norton, Materials Research Society Proceedings Volume 285, MRS, 1993.

Invited Seminars

1. "Research Activities within the College of Engineering at the University of Florida," Harris Corporation, Melbourne, FL, 2010
2. "Emerging Science and Technology Opportunities in Electronic Oxides," Army Research Laboratory, Aberdeen Proving Grounds, Aberdeen, MD, June 2009.
3. "ZnO Thin Films and Nanowires for Photonics, Spintronics, and Sensors," Vanderbilt University, Nashville, TN, December 2007
4. "ZnO Thin Films and Nanowires for Photonics, Spintronics, and Sensors," Seoul National Laboratory, Seoul, Korea, October 2007
5. "ZnO Thin Films and Nanowires for Photonics, Spintronics, and Sensors," Kyungpook National Laboratory, Daegu, Korea, October 2007
6. "Charge and Spin-Based Electronics using ZnO Thin Films and Nanowires," University of Alabama, Tuscaloosa, AL, October 2004
7. "Nucleation and Epitaxy of Heteroepitaxial Oxide Films," Naval Research Laboratory, October 2000.
8. "Status of Rolling Assisted Biaxially Textured Substrates for HTS Coated Conductors," Institut für Festkörper- und Werkstofforschung, Institute for Metallic Materials, Dresden, Germany, October 2000.

9. "Electronic oxide thin-film materials: From superconductivity to microelectronics," ENEA, Frascati Research Center, Rome, Italy, June 2000.
10. "Electronic oxide thin-film materials: From superconductivity to microelectronics," University of Twente, Enschede, Netherlands, May 2000.
11. "Electronic oxide thin-film materials: From superconductivity to microelectronics," Département Physique, De La Matière Condensée, University of Geneva, Geneva, Switzerland, May 2000.
12. "Electronic oxide thin-film materials: From superconductivity to microelectronics," Dept. of Physics, Vanderbilt University, April 2000
13. "High-k Dielectrics for MOSFET Gate Oxides," Intel Corp., Santa Clara, CA, April 1999.
14. "Properties of Infinite Layer (Ca,Sr)CuO₂ Thin Films," IBM Yorktown Heights, 1994.
15. "Thin Film Heterostructures by Laser Ablation," Dept. of Materials Science and Engr., University of Florida, October, 1995.
16. "Formation of Artificially Layered Superconducting Materials by Pulsed-Laser Deposition," Dept. of Materials Science and Engineering, University of Tennessee, Knoxville, TN, October 1994.

Presentations At Professional Conferences/Meetings

Invited Presentations (First-Author)

1. "Pulsed-Laser Deposition of ZnO Thin Films and Heterostructures for Device Applications," American Physical Society March Meeting, Pittsburgh, PA , March 2009
2. "P-type conduction and light-emitting diodes using phosphorus-doped ZnO," 2008 Fall Meeting of the Materials Research Society, Materials Research Society, Boston, MA , November 2008.
3. "ZnO thin film and nanowire devices," 214th Meeting of the Electrochemical Society, Honolulu, HI, October 2008.
4. "P-type Doping and Light Emitting Junction Formation in ZnO," 213th Meeting of the Electrochemical Society, Phoenix, AR, May 2008
5. " ZnO P-Type Doping in ZnO Thin Films: Current Status," 14th International Workshop on Oxide Electronics, Jeju Island, Korea, October 2007
6. "Doping in ZnO Thin Films and Heterostructures," Annual Meeting of the Southeast Section of the American Physical Society, Nashville, TN, November 2007.
7. "Synthesis and Doping in ZnO Films and Nanowires," Conference on Laser Ablation, Tenerife, Spain, September 2007
8. "ZnO Thin Films and Nanowires for Photonics, Spintronics, and Sensors", 5th International Symposium on Transparent Oxide Thin Films for Electronics and Optics, Kanagawa, Japan, May 2007
9. "Transition metal doped ZnO for spintronics," 2007 Spring Meeting of the Materials Research Society, Materials Research Society, San Francisco, CA , April 2007
10. "Nanostructured Perovskite Thin Films for Tunable RF Applications," 32nd Annual GOMACTech Conference, GOMAC, Lake Buena Vista, FL, March 2007
11. "Chemical Sensing with ZnO nanorods," TMS 2007 Annual Meeting & Exhibition, TMS, Orlando, FL, February 2007
12. "ZnO PN Junctions for Highly-Efficient, Low-Cost Light Emitting Diodes," DOE Solid State Lighting Workshop, DOE, Phoenix, AR, January 2007
13. "Charge Carrier And Spin Doping In ZnO Thin Films For Device Applications", 2006 Fall MRS Meeting, Boston, MA December 2006
14. "P-type doping and electroluminescence for ZnO," SPIE Meeting , San Diego, CA, August 2006
15. "Charge- and Spin-Based Devices in ZnO Thin Films and Nanostructures," American Physical Society March Meeting, Baltimore, MD, March 2006
16. "Ferromagnetism in ZnO:Mn Epitaxial Films: Dependence on Carrier Density," AFOSR Wide Band Gap Ferromagnetic Semiconductors Workshop, Edinburgh, Scotland, May 2005
17. "Pulsed laser deposition of acceptor doped ZnO," European-MRS, E-MRS, Strasbourg, France, May 2005
18. "Charge carrier and spin doping in ZnO thin films," 4th International Symposium on Transparent

- Oxide Thin Films for Electronics and Optics, Tokyo, Japan, April 2005
19. "Ferromagnetism in ZnO:Mn Epitaxial Films: Dependence on Carrier Density," ARO Workshop on Spintronics in Wide Bandgap Semiconductors, Gainesville, FL, February 2005
 20. "ZnO Spintronics and Nanowire Devices," 2004 Fall MRS Meeting, Materials Research Society, Boston, Massachusetts, December 2004
 21. "Charge and Spin-Based Electronics using ZnO Thin Films," 206nd ECS Meeting, The Electrochemical Society, Honolulu, Hawaii, October 2004
 22. "Dielectric Response Of K(Ta,Nb)O₃ Thin Films And Asymmetric KNbO₃/KTaO₃ Superlattices," XIII International Materials Research Congress 2004, Cancun, Mexico, August 2004.
 23. "Growth of the Anatase Polymorph of TiO₂ Doped with Co using Epitaxial Stabilization: Do we have a 300 K DMS?," ONR Workshop on Frontiers of Epitaxial Engineering, Moab, Utah, May 2004
 24. "Charge and Spin Doping in Epitaxial ZnO Thin Films and Nanostructures," 202nd ECS Meeting, The Electrochemical Society, Orlando, Florida, October 2003
 25. "Wide Bandgap Semiconductors for Semiconductor Spintronics," 2003 Fall MRS Meeting, Materials Research Society, Boston, Massachusetts, December 2003
 26. "Doping ZnO for charge and spin electronics," 10th International Workshop on Oxide Electronics, Augsburg, Germany, September, 2003.
 27. "Dielectric Response Of K(Ta,Nb)O₃ Thin Films Grown By Pulsed Laser Deposition," XII International Materials Research Congress 2003, Cancun, Mexico, August 2003.
 28. "Hydrogen-Assisted Oxide Epitaxy on Semiconductors," ONR Workshop on Epitaxial Heterogeneous Interfaces – Formation & Epitaxy, Tenaya Lodge at Yosemite, Fish Camp, CA, May 4-8, 2003
 29. "Pulsed Laser Deposition Of Oxides: Recent Advances And Challenges," 2003 Spring Meeting of the Materials Research Society, San Francisco, CA, April 21-25, 2003
 30. "ZnO Thin Films And Nanostructures Of Functional Electronics," Florida Chapter of the American Vacuum Society 2003 Annual Symposium, Orlando, FL, March 17-18, 2003
 31. "Charge and Spin Functionality in Wide Bandgap Semiconducting Oxides," SPIE Conference on Quantum Sensing: Evolution and Revolution from Past to Future, San Jose, CA, January 25-31, 2003
 32. "Spin And Charge Functionality In Doped ZnO," 2002 Fall Meeting of the Materials Research Society, Boston, MA, December 1-5, 2002
 33. "Gate Dielectrics For FET Structures," 2002 Fall Meeting of the Materials Research Society, Boston, MA, December 1-5, 2002
 34. "Epitaxy of complex oxides on dissimilar substrates", Florida Chapter of the American Vacuum Society, AVS-FSM Joint Symposium, Orlando, FL, March 2002.
 35. "Materials for quantum computing," 5th Annual Southeast Ultrafast Conference, Nashville, TN, January 11-12, 2002.
 36. "Reactive sputter deposition of epitaxial CeO₂ on (001) Ge and InP," MRS Workshop on Dielectric Science & New Functionality in Device Physics for Crystalline Oxides on Semiconductors, Chattanooga, TN, September, 2001.
 37. "Current status of coated conductor development based on the RABiTS Process," 5th European Conference on Applied Superconductivity, Copenhagen, Denmark, August 2001
 38. "Heteroepitaxial growth of complex oxides on metals and semiconductors," 2001 Spring Meeting of the Materials Research Society, San Francisco, CA, April 2001.
 39. "Nanostructured oxide interfaces and thin films," International Conference on Metallurgical Coatings and Thin Films, San Diego, CA, May 2001.
 40. "Electronic oxide film growth for microelectronics and superconductivity," 2000 International Conference on Electronic Materials and European Materials Research Society Meeting, Strasbourg, France, June 2000.
 41. "Dissimilar epitaxy of oxides," D. P. Norton, Workshop on Nanoscale Phenomena in Perovskite

- Thin Films, Argonne, IL, February 2001.
42. "RABiTS-based HTS coated conductors," SCENET European Network for Superconductivity, Topical Workshop on Coated Conductors, Göttingen, Germany, May 2000.
 43. "Chemical deposition techniques for high temperature superconducting film growth," SCENET European Network for Superconductivity, Topical Workshop on Coated Conductors, Göttingen, Germany, May 2000.
 44. "BaF₂ method for high temperature superconducting film growth," SCENET European Network for Superconductivity, Topical Workshop on Coated Conductors, Göttingen, Germany, May 2000.
 45. "Reel-to-reel processing of HTS tapes," SCENET European Network for Superconductivity, Topical Workshop on Coated Conductors, Göttingen, Germany, May 2000.
 46. "Plume-Induced Strain and Texture in Pulsed Laser Deposited Oxides," American Physical Society March 2000 Meeting, DMP Focused Session on Laser Applications in Materials Physics," Minneapolis, MN 2000.
 47. "Pulsed-Laser Deposition of Electronic Oxides: Superconductor and Semiconductor Applications," SPIE LASE 2000, Laser Applications in Microelectronic and Optoelectronic Manufacturing V, " San Jose, CA 2000.
 48. "Alternative Gate Dielectrics on Semiconductors for MOSFET Device Applications," 6th International Workshop on Oxide Electronics, College Park, MD 1999.
 49. "Energetic Ion Effects in Pulsed-Laser Deposition," Gordon Research Conference on Laser Interactions with Materials, Andover, NH 1998.
 50. "Synthesis of Epitaxial YBCO / Oxide / Metal Heterostructures for Deposited HTS Conductors," Symp. on Advances in Laser Ablation of Materials, 1998 Spring Meeting of the Materials Research Society, San Francisco, CA 1998.
 51. "Epitaxial YBCO on Rolled-Textured Metals for HTS Applications," 4th International Workshop on Oxide Electronics, College Park, MA 1997.
 52. "High Critical Current Y-123 Thick Films on Industrially Scalable Substrates for Conductor Applications," Cryogenic Engineering Conference / International Cryogenic Materials Conference, Portland, OR 1997.
 53. Epitaxial YBa₂Cu₃O₇ on Biaxially Textured (001) Ni: An Approach to High Critical Current Density Superconducting Tapes," ISTEC/MRS International Workshop on Superconductivity, Big Island, Hawaii 1997.
 54. "Low Cost Metal Substrates for Films with Aligned Grain Structure" First Conference on Future Generation Photovoltaic Technologies, Denver, CO 1997.
 55. "Role of Energetic Species in Laser Ablation Film Growth," 1997 Annual Meeting of the TMS, Orlando, FL 1997.
 56. "Epitaxial Growth of YBa₂Cu₃O₇ on Biaxially-Textured (001) Ni," 1996 Fall Meeting of the Materials Research Society, Boston 1996.
 57. "Formation and Properties of Artificially-Layered Cuprate Superconductors," SPIE Intl. Symp. on Lasers and Intergrated Optoelectronics, San Jose, CA 1996.
 58. "Synthesis of Artificially-Layered Cuprate Superconductors By Pulsed Laser Deposition," Gordon Research Conference on Superconductivity, Les Diablerets, Switzerland 1995.
 59. "Formation of Artificially-Layered High Temperature Superconductors Using Pulsed Laser Deposition," Eighth International Conference on Superlattices, Microstructures, and Microdevices, Cincinnati, OH 1995 .
 60. "Formation of Artificially-Layered High-Temperature Superconductors Using Pulsed-Laser Deposition," Third International Conference on Laser Ablation, Strasbourg, France 1995.
 61. "Formation of Artificially-Layered Thin-Film Compounds Using Pulsed-Laser Deposition," Spring Meeting of the Materials Research Society, San Francisco, CA 1995.
 62. "Recent Developments in Metal-Oxide Film Growth Using Pulsed-Laser Deposition," TMS Conference on Ion Beam and Laser Processing of Materials, Las Vegas, NV 1995.

63. "Formation and Properties of Artificially-Layered SrCuO₂/BaCuO₂ Superconducting Superlattices," Workshop on High-Temperature Superconductivity: Physical Properties and Mechanisms, Miami, FL 1995.
64. "Artificially-Layered and Metastable Thin-Film Materials Development Utilizing Pulsed-Laser Deposition," International Conference on Novel Techniques in Synthesis and Processing of Advanced Materials, Rosemont, IL 1994.
65. "Artificially-Layered and Metastable Thin-Film Materials Development Utilizing Pulsed-Laser Deposition," International Conference on Processing and Advanced Applications of Lasers, Palm Coast, FL 1994.
66. "Properties of Doped and Undoped (Sr, Ca)CuO₂ Thin Films," ETL Workshop on High Temperature Superconductors, Tsukuba-shi, Japan 1993.
67. "Properties of Doped and Undoped (Sr, Ca)CuO₂ Thin Films," Japanese Applied Physics Society Workshop on Infinite Layer Materials, ISTEK, Tokyo, Japan 1993.
68. "Transport Properties of Ultrathin YBa₂Cu₃O_{7-d} Layers: Evidence For Two-Dimensional Vortex Fluctuations," Adriatico Research Conference on Vortex Fluctuations in Superconductors, Trieste, Italy 1993.
69. "Laser Ablation Film Growth of High Temperature Superconductors," 1993 WATTEC Conference, Knoxville, TN 1993.
70. "Growth and Properties of Ultrathin YBa₂Cu₃O_{7-d} Layers," Sixth Annual Conference on Superconductivity and Applications, Buffalo, NY 1992.
71. "Properties of Oxide-Based Superconducting Superlattices," Fifth Annual Conference on Superconductivity and Applications, Buffalo, NY 1991.
72. "Epitaxial Growth of Oxide Superconductor Thin Films and Superlattices," Scanning Microscopy / 1991, Bethesda, MD 1991.
73. "High-T_c Superconductivity and Hole-Filling in R-123 Superlattices and Thin Films," March Meeting of The American Physical Society, Cincinnati, OH 1991.
74. "Superconductivity in Epitaxial Layers of High T_c Materials," Gordon Conference on Superconductivity, Ventura, CA 1991.

Contributed Presentations (First Author)

1. "P-Type ZnO Thin Films via Phosphorus Doping," 2008 SPIE Photonics West San Jose, CA, January 2008
2. "P-type doping and electroluminescence in ZnO thin films," 2007 March Meeting of the American Physical Society, Denver, CO, March 2007
3. "Copper and Ni-Alloy Substrates," AFOSR HTS Coated Conductor Review Meeting, St. Petersburg, FL, January 22-24, 2003.
4. "Ferromagnetism in Mn-implanted Single Crystal Oxides," American Vacuum Society 49th International Meeting, Denver, CO, November 3-8, 2002
5. "Doping For Charge, Bandgap, and Spin In ZnO Nanorods And Thin Films," Materials Research Society Workshop On ZnO, Dayton, OH, October 23-25, 2002.
6. "Epitaxial growth and properties of CeO₂ on (001) InP," 2001 Fall Meeting of the Materials Research Society, Boston, MA, November 2001.
7. "Luminescent properties of Li-doped ZnGa₂O₄ thin films," 7th International Workshop on Oxide Electronics, Les Diablerets, Switzerland, October 2000.
8. "Nanostructured thin-film oxides," D. P. Norton, Meta- Materials Workshop, Greenbelt, MD, September, 2000.
9. "Ferromagnetic wide bandgap semiconductors for quantum computing," Quantum Information Science and Technology Workshop, Greenbelt, MD, October, 2000.
10. "Epitaxy of oxides on dissimilar substrates using pulsed-laser deposition," Spring Meeting of the Materials Research Society, San Francisco, CA, April 2000.

11. "Epitaxial Electronic Oxides on Semiconductors Using Pulsed-Laser Deposition," Symp on Substrate Engineering-Paving the Way to Epitaxy, 1999 Fall Meeting of the Materials Research Society, Boston, MA (1999)
12. "Investigation of Oxide Film Growth on Biaxially-Textured Metals Using Reflection High Energy Electron Diffraction," Symp. on Superconducting Materials-Properties, Crystal Chemistry and Processing, Fall Meeting of the Materials Research Society, Boston, MA 1999.
13. "Enhanced Luminescence in Epitaxial Oxide Thin Film Phosphors," 5th International Display Phosphors Conference, San Diego, CA 1999.
14. "Epitaxial Growth and Luminescent Properties of Mn^{2+} -Activated $ZnGa_2O_4$ Films", 5th International Workshop on Oxide Electronics, College Park, MD 1998.
15. "Plume-Induced Stress and Texture in Pulsed-Laser Deposited CeO_2 Films", Symp. on Film Growth and Processing Using Hyperthermal Beams, 1998 Fall Meeting of the Materials Research Society, Boston, MA 1998.
16. "Epitaxial Growth of Oxide Thin Films on (001) Metal Surfaces Using Pulsed-Laser Deposition," Spring Meeting of the Materials Research Society, San Francisco, CA 1997.
17. "Low-Cost Metal Substrates for Films with Aligned Grain Structures," Future generation photovoltaic technologies, Denver; CO, March 1997.
18. "Effect of energetic ions on cerium oxide films deposited by pulsed-laser deposition," March Meeting of the American Physical Society, Kansas City, MO, March 1997.
19. "Epitaxial Growth of Metal Fluoride Thin Films by Pulsed-Laser Deposition," Fall Meeting of the Materials Research Society, Boston, MA, November 1995.
20. "Superconductivity in $SrCuO_2/BaCuO_2$ Superlattices: Formation of Artificially-Layered Superconducting Materials," Fall Meeting of the Materials Research Society, Boston, MA 1994.
21. "Artificially-Layered $SrCuO_2$ -Based Materials Grown by Pulsed-Laser Deposition, World Congress on Superconductivity, Orlando, FL 1994.
22. "Transport and Structural Properties of Trivalent Cation and Defect-Doped $SrCuO_2$ Thin Films Grown by Pulsed-Laser Deposition," Fall Meeting of the Materials Research Society, Boston, MA 1993.
23. "Structural and Transport Properties of $Ca_{1-x}Sr_xCuO_2$ Thin Films Grown by Pulsed Laser Deposition," March Meeting of The American Physical Society, Seattle, WA 1993.
24. "Pulsed Laser Deposition of Metastable $Ca_{1-x}Sr_xCuO_2$ Thin Films," Second International Conference on Laser Ablation, Knoxville, TN 1993.
25. "Epitaxial Growth and Properties of $Ca_{1-x}Sr_xCuO_2$ Thin Films Grown by Pulsed-Laser Deposition," Fall Meeting of the Materials Research Society, Boston, MA 1992.
26. "Superconductivity and Reduced Dimensionality in Ultrathin $YBa_2Cu_3O_{7-d}$ Films and $YBa_2Cu_3O_{7-d}$ Based Superlattice Structures," Applied Superconductivity Conference, Chicago, Illinois 1992.
27. "Epitaxial growth and properties of $Ba_{1-x}K_xBiO_3$ thin films grown by pulsed laser deposition," Fall Meeting of the Materials Research Society, Boston, MA 1991.
28. "Hole Filling and Effects of Reduced Dimensionality in Pulsed-Laser Ablated High- T_C Superlattice Structures," Workshop on Laser Ablation, Oak Ridge, TN 1991.
29. "Pulsed Laser Deposition of YBCO-Based Superconducting Superlattices," 11th Annual Symposium of the Tennessee Valley Chapter of the American Vacuum Society, Oak Ridge, TN 1991.
30. "Superconductivity, Hole-Doping, and Hole-Filling in $YBa_2Cu_3O_{7-d}/(Y_{1-x-y}Ca_y)Pr_xBa_2Cu_3O_{7-d}$ Superlattices," Fall Meeting of the Materials Research Society, Boston, MA 1990.
31. "Superconductivity in Single Unit Cell $YBa_2Cu_3O_{7-x}$ Layers in $YBa_2Cu_3O_{7-x}/PrBa_2Cu_3O_{7-x}$ Superlattices," Conference on the Science and Technology of Thin Film Superconductors, Denver, CO 1990.

32. "YBa₂Cu₃O_{7-x} Thin Film Growth on Single Crystal and Polycrystalline Ytria-Stabilized Zirconia," Conference on the Science and Technology of Thin-Film Superconductors, Denver, CO 1990.
33. "Mass Spectroscopic Study of Photolytically-Driven Deposition of Gallium Arsenide," IEEE Southeastcon 89, Columbia, SC 1989.
34. "Excimer Laser and Hg-Xe Arc Lamp Driven Low Temperature Deposition of Gallium Arsenide," Conference on Lasers and Electro-Optics, Baltimore, MD 1989.
35. "Photochemical vapor deposition of gallium arsenide," SPIE-Advanced Processing of Semiconductor Devices II, Newport Beach; CA, March 1988.
36. "Photochemical Vapor Deposition of GaAs for Photovoltaics," Third International Photovoltaic Science and Engineering Conference, Tokyo, Japan 1987.
37. "On Shuffling of 2-D Data," Twentieth Conference on Information Sciences and Systems, Princeton, NJ 1986.
38. "An Efficient Implementation of the Aryabhata Algorithm," Twentieth Conference on Information Sciences and Systems, Princeton, NJ 1986.

Presentations by Students / Post-Doctoral Associates in Norton Group (student/post-doc listed)

1. Cianfrone J, "Structural, magnetic, and electronic properties of ZnCo₂O₄ thin films grown via pulsed laser deposition, 2008 TMS Electronic Materials Conference, Santa Barbara, CA, June 2008
2. Callendar C, "Ferroelectric and magnetic properties of epitaxial BiFeO₃ / BaFeO_{3-x} heterostructures," 2008 Spring Meeting of the Materials Research Society, San Francisco, CA, March 2008
3. Tien LC "Pulsed laser deposition of metal oxide nanowires," 2008 Spring Meeting of the Materials Research Society, San Francisco, CA, March 2008
4. Kim DH, "The effect of structural and chemical perturbations in multiferroic BiFeO₃ epitaxial films," 2008 March Meeting of the American Physical Society, New Orleans, LA, March 2008
5. Sadik P, " Characterization of CuCrO₂/CuSc_{1-x}Mg_xO₂ heterostructures grown by pulsed laser deposition," Florida Chapter American Vacuum Society Meeting, Orlando, FL, March 2008
6. Cianfrone J, " Structural, magnetic, and electronic properties of ZnCo₂O₄ thin films grown via pulsed laser deposition," Florida Chapter American Vacuum Society Meeting, Orlando, FL, March 2008
7. Kim HS "Electrical and Optical Properties of ZnMgO:P Films grown by Pulsed Laser Deposition," 2007 Fall Meeting of the Materials Research Society, Boston, MA, November 2007
8. Tien LC, "Catalyst-free growth of vertically well-aligned ZnO nanowires," 54th Annual Meeting of the American Vacuum Society, San Francisco, CA, October 2007
9. Callendar CJ, " Properties of BaFeO₃-Based Thin Films and Superlattices," 2007 Spring Meeting of the Materials Research Society, San Francisco, CA, April 2007
10. Sadik P, "Examination Of CuCr_{1-x}Mg_xO₂ Thin Film Delafossites Grown By Pulsed Laser Deposition," Florida Chapter American Vacuum Society Meeting, Orlando, FL, March 2007
11. Ivill M, "Magnetic And Magneto-Transport Properties In ZnO Films Heavily Doped With Cobalt," Florida Chapter American Vacuum Society Meeting, Orlando, FL, March 2007
12. Tien LC, " Self-Catalytic Growth Of Well-Aligned ZnO Nanorods By High Pressure Assisted Pulsed Laser Deposition," Florida Chapter American Vacuum Society Meeting, Orlando, FL, March 2007
13. Kim HS, " Carrier Type Conversion In Post Annealed ZnO:P Thin Films," Florida Chapter American Vacuum Society Meeting, Orlando, FL, March 2007
14. Callendar C, " Ferromagnetic Properties Of Epitaxial BaFeO₃ Films," Florida Chapter American Vacuum Society Meeting, Orlando, FL, March 2007
15. Kim HS, "Investigation of carrier type conversion of post annealed ZnO:P thin films as a function of the substrate temperature," TMS 2007 Annual Meeting & Exhibition Orlando, FL, February 2007

16. Leu LC, "Properties of Ge/HfN_x as a Diffusion Barrier for Cu Metallization," TMS 2007 Annual Meeting & Exhibition Orlando, FL, February 2007
17. Sadik P, "Examination of Thiol Adsorption on Zn-Terminated and O-Terminated ZnO Substrates," TMS 2007 Annual Meeting & Exhibition Orlando, FL, February 2007
18. Tien LC, "Highly Selective Hydrogen Sensing with Pt-functionalized ZnO Thin Films and Nanorods," 2006 Fall Meeting of the Materials Research Society, Boston, MA, November 2006
19. Ivill M, "Magnetic Properties and Observation of Anomalous Hall Effect in Cobalt-Doped ZnO," TMS Electronic Materials Conference, State College, PA, June 2006
20. Leu LC, "Investigation of W-Ge-N Deposited on Ge as a Diffusion Barrier for Cu Metallization", 2006 Spring MRS Meeting, San Francisco, CA, April 2006.
21. Sadik P, "Examination Of Thiol Adsorption On Zn-Terminated And O-Terminated Substrates" Florida Chapter American Vacuum Society Meeting, Orlando, FL, March 2006
22. Callendar C, "Properties of (Ba_xSr_{1-x})FeO₃ Thin Films and Multilayers" Florida Chapter American Vacuum Society Meeting, Orlando, FL, March 2006
23. Tien LC, "Highly Selective Hydrogen Sensing at Room Temperature with Platinum-Functionalized ZnO Thin Films and Nanorods" Florida Chapter American Vacuum Society Meeting, Orlando, FL, March 2006
24. Ivill M, "Magnetic Properties and Observation of Anomalous Hall Effect in Cobalt-Doped ZnO", Florida Chapter American Vacuum Society Meeting, Orlando, FL, March 2006
25. Rawal S, "Properties of W-Ge-N Deposited on Ge as a Diffusion Barrier for Cu", Florida Chapter American Vacuum Society Meeting, Orlando, FL, March 2006
26. Tien LC, "Enhanced Hydrogen Sensing at Room Temperature by Pd-Functionalized ZnO Nanorods" 2005 Fall MRS Meeting, Boston, Massachusetts, December 2005
27. Callendar C, "Properties of (Ba_xSr_{1-x})FeO₃ thin films and multilayers" Southeast Section of the American Physical Society Meeting, Gainesville, FL, November 2005
28. Tien LC, "Hydrogen-Selective Sensing at Room Temperature with Pt-Coated ZnO nanorods" Southeast Section of the American Physical Society Meeting, Gainesville, FL, November 2005
29. Rawal S, "Properties of W-Ge-N as a diffusion barrier material for Cu" Southeast Section of the American Physical Society Meeting, Gainesville, FL, November 2005
30. Kim HS, "Synthesis and characterization of P-doped ZnO and (Zn,Mg)O thin films for optoelectronic applications" Southeast Section of the American Physical Society Meeting, Gainesville, FL, November 2005
31. Erie JM, "Electrical, optical and structural properties of Arsenic-doped (Zn,Mg)O films" 52nd American Vacuum Society Meeting, Boston, MA, November 2005
32. Kim HS, "Fabrication of ZnO-based P-N junction diodes", 2005 Annual Joint Symposium of Florida Chapter of the AVS and Florida Society for Microscopy, Florida AVS, Orlando, FL, March 2005
33. Li YJ, "Realization of phosphorus-doped p-type (Zn,Mg)O thin films via pulsed laser deposition", 2005 Electronic Materials Conference (EMC), TMS, Santa Barbara, CA, June 2005
34. Kim KH, "(La,Sr)TiO₃ as a Conductive Buffer for High Temperature Superconducting Coated Conductors", Applied Superconductivity Conference 2004, Jacksonville, FL, October 2004
35. Heo YW, "Nanodevices using Single ZnO Nanowire", 2004 Fall MRS Meeting, Materials Research Society, Boston, Massachusetts, December 2004
36. Ivill M, "The Dependence Of Ferromagnetism On Sn Concentration in ZnMnO:Sn Epitaxial Films", 2004 Fall MRS Meeting, Materials Research Society, Boston, Massachusetts, December 2004
37. Sigman J, "Dielectric Response of Asymmetric KNbO₃/KTaO₃ Superlattices", 2003 Annual Meeting of the American Vacuum Society, AVS, Baltimore, MD, November 2003
38. Heo YW, "Properties of p-Doped ZnMgO Thin Films", 2003 Fall MRS Meeting, Materials Research Society, Boston, Massachusetts, December 2003
39. Kwon YW, "Transparent Transistors Based On Semiconducting Oxides", 2003 Fall MRS Meeting,

- Materials Research Society, Boston, Massachusetts, December 2003
40. Sigman J, "Dielectric Response of K(Ta,Nb)O₃ Thin Films", 202nd ECS Meeting, The Electrochemical Society, Orlando, Florida, October 2003
 41. Heo YW, "Growth and Microstructure of Cored (Zn_{1-x}Mg_x)O Nanorods," 202nd ECS Meeting, The Electrochemical Society, Orlando, Florida, October 2003
 42. Ivill M, "Ferromagnetism In Mn- And Sn-Codoped ZnO Films Grown By Pulsed Laser Deposition," 202nd ECS Meeting, The Electrochemical Society, Orlando, Florida, October 2003
 43. Jeong BS, "Transition metal doped TiO₂ thin films grown by reactive sputtering deposition," 202nd ECS Meeting, The Electrochemical Society, Orlando, Florida, October 2003
 44. Jones M, "Leakage Current Behavior for HfO₂ Thin Films," 202nd ECS Meeting, The Electrochemical Society, Orlando, Florida, October 2003
 45. Kwon YW, "Electric Field Modulation of ZnO Film Conductance in ZnO-Based FET Structures," 202nd ECS Meeting, The Electrochemical Society, Orlando, Florida, October 2003
 46. Li Y, "Transparent ZnO-Based FET Structures for Displays," 202nd ECS Meeting, The Electrochemical Society, Orlando, Florida, October 2003
 47. Heo YW, "Zn_{1-x}Mg_xO Nanorods Via Molecular Beam Epitaxy," 2002 Fall Meeting of the Materials Research Society, Boston, MA, December 1-5, 2002
 48. Ivill M, "Ferromagnetism In TM-Doped Semiconducting Oxides, "2002 Fall Meeting of the Materials Research Society, Boston, MA, December 1-5, 2002
 49. Bae HJ, "Treatment Of (100) KTaO₃ For Atomically-Flat Surfaces," 2002 Fall Meeting of the Materials Research Society, Boston, MA, December 1-5, 2002
 50. Heo YW, "Optical Properties of Zn_{1-x}Mg_xO Nanorods Via Molecular Beam Epitaxy," 9th International Workshop on Oxide Electronics, St. Pete Beach, FL, October 20-23, 2002
 51. Ivill M, "Ferromagnetism In Mn-Doped Cu₂O Semiconducting Thin Films Grown By Pulsed-Laser Deposition," 9th International Workshop on Oxide Electronics, St. Pete Beach, FL, October 20-23, 2002
 52. Jeong BS, "Conductivity In Transparent Anatase TiO₂ Films Epitaxially Grown By Reactive Sputtering Deposition," 9th International Workshop on Oxide Electronics, St. Pete Beach, FL, October 20-23, 2002
 53. Kwon YW, "Electrical Properties Of CaHfO₃ And HfO₂ For Gate Dielectrics," 9th International Workshop on Oxide Electronics, St. Pete Beach, FL, October 20-23, 2002
 54. Kim KH, "(La,Sr)TiO₃ Conductive Buffer Layers on Biaxially Textured Ni for Coated Conductors," 9th International Workshop on Oxide Electronics, St. Pete Beach, FL, October 20-23, 2002
 55. Heo YW, "Deterministic synthesis of ZnO nanorods," 2002 Spring Meeting of the Materials Research Society, San Francisco, CA, April 2002.
 56. Sigman J, "Evidence for antiferroelectric behavior in KNbO₃/KTaO₃ superlattices," 2002 Spring Meeting of the Materials Research Society, San Francisco, CA, April 2002.
 57. Heo YW, "ZnO nanorods growth with molecular beam epitaxy," Florida Chapter of the American Vacuum Society, AVS-FSM Joint Symposium, Orlando, FL, March 2002
 58. Kwon YW, "Deposition of CaHfO₃ thin films using pulsed-laser deposition," Florida Chapter of the American Vacuum Society, AVS-FSM Joint Symposium, Orlando, FL, March 2002.
 59. Heo YW, "Epitaxial growth of zinc oxide thin films on α -Al₂O₃ by molecular beam epitaxy," Florida Chapter of the American Vacuum Society, AVS-FSM Joint Symposium, Orlando, FL, March 2002
 60. Sigman J, "Evidence for antiferroelectric behavior in KNbO₃ / KTaO₃ superlattices," Florida Chapter of the American Vacuum Society, AVS-FSM Joint Symposium, Orlando, FL, March 2002
 61. Kim KH, "LaTiO₃ conductive buffer layers on biaxially textured Ni for coated conductors" Florida Chapter of the American Vacuum Society, AVS-FSM Joint Symposium, Orlando, FL, March 2002.
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64. Kim KH, "LaTiO₃ conductive buffer layers on biaxially textured Cu for coated conductors," 2001 Fall Meeting of the Materials Research Society, Boston, MA, November 2001.
65. Patel M, "Reactive sputter deposition of epitaxial CeO₂ on (001) Ge," 2001 Fall Meeting of the Materials Research Society, Boston, MA, November 2001.
66. Sigman J, "Temperature-dependent dielectric response and tunability of KTaO₃/KNbO₃ superlattices," 2001 Fall Meeting of the Materials Research Society, Boston, MA, November 2001.
67. Lee YE, "Epitaxial oxide thin film phosphors for low voltage FED applications," Spring Meeting of the Materials Research Society, San Francisco, CA, April 2000.
68. Lee YE, "ZnGa₂O₄ Thin-Film Phosphors Grown by Pulsed Laser Ablation," Spring Meeting of the Materials Research Society, San Francisco, CA, April 1999.
69. Lee YE, "Growth and characterization of ZnGa₂O₄:Mn thin film phosphors using pulsed laser deposition," 1998 Fall Meeting of the Materials Research Society, Boston, MA 1998.
70. Cantoni C, "Phase stability for the in-situ growth of Nd_{1+x}Ba_{2-x}Cu₃O₇ films using pulsed-laser deposition," 1998 Fall Meeting of the Materials Research Society, Boston, MA 1998.
71. Park C, "Pulsed laser deposition of YBCO film and oxide buffer layers on 1cmx10cm rolling assisted biaxially textured substrates," 1998 Fall Meeting of the Materials Research Society, Boston, MA 1998.
72. Park C, "Long Length Fabrication of YBCO on Rolling Assisted Biaxially Textured Substrates (RABiTS) Using Pulsed Laser Deposition," IEEE Applied Superconductivity Conference, Palm Desert, CA, September 1998
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Other Contributed Presentations as Co-Author

1. "Indium Zinc Oxide Thin Films Deposited by Sputtering at Room Temperature," 213th Meeting of the Electrochemical Society, Phoenix, AR, May 2008
2. "High Room Temperature Deposited Enhancement Mode and Depletion Mode Indium Zinc Oxide Thin Film Transistors," 213th Meeting of the Electrochemical Society, Phoenix, AR, May 2008
3. "Demonstration of Hydrogen Effects on ZnO LEDs in Current-Voltage and Electroluminescence Characteristics," 213th Meeting of the Electrochemical Society, Phoenix, AR, May 2008
4. "Dielectric response in potassium tantalite/potassium niobate multilayers," 2008 March Meeting of the American Physical Society, New Orleans, LA, March 2008
5. "GaN and ZnO-Based Nanowire Sensors for Bio and Chemical Detection," TMS 2008 Annual Meeting & Exhibition, New Orleans, LA, March 2008
6. "Functional Wide Bandgap Semiconductor Nanowire Devices," TMS 2008 Annual Meeting & Exhibition, New Orleans, LA, March 2008
7. "ZnO for Spintronics: Some Critical Issues," 2007 Fall Meeting of the Materials Research Society, Boston, MA, November 2007
8. "Origin of the Near-Band-Edge Emission in ZnCdO Alloys," 2007 Fall Meeting of the Materials Research Society, Boston, MA, November 2007
9. "Indium Zinc Oxide Transparent Thin Film Transistors with MgO Gate Oxide," 2007 Fall Meeting of the Materials Research Society, Boston, MA, November 2007
10. "Room Temperature Deposited Indium Zinc Oxide Thin-Film Transistors," 2007 Fall Meeting of the Materials Research Society, Boston, MA, November 2007
11. "Indium Zinc Oxide Thin Films Deposited by Sputtering at Room Temperature," 2007 Fall Meeting of the Materials Research Society, Boston, MA, November 2007
12. "CdZnO/MgZnO multilayer structures for photonic applications: growth and devices," 2007 TMS Electronic Materials Conference, South Bend, Indiana, June 2007
13. "Wide Bandgap Semiconductor Nanowires for Sensing Applications," 211th Meeting of the Electrochemical Society, Chicago, IL, May 2007