

REGULAR MEMBERSHIP BALLOT

NAME: **Gainesville Energy Advisory Committee**

Openings: **One (1) Opening**
Applications: **Five (5) applications**

PLEASE *Initial* YOUR SELECTION

Requirement: City Residency NOT Required
Expiration: One (1) September 30, 2007

NAME OF APPLICANT	COMM Braddy	COMM Bryant	COMM Chestnut	COMM Domenech	COMM Lowe	COMM Nielsen	CHAIR Hanrahan
Rob Brinkman			✓		✓	✓	✓
Jess J. Johnson							
Amy L. Kauper		✓		✓			
¹ Harold Saive							
² William Van Dyke	✓						
READVERTISE FOR ADDITIONAL APPLICANTS							

¹ Harold Saive also applied for the City Beautification Board

² William Van Dyke has also applied for the City Plan Board

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City Commission Board/Committee Application
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Submitted: Tuesday, August 3, 2004, 22:55

Boards Applied For (Meeting Date):
Gainesville Energy Advisory Committee

Personal/Contact Information

Name: Robert W Brinkman
Address:

Home Phone:
Work Phone:
E-mail Address: robbrinkman@cox.net

Occupation: carpenter/ energy efficiency advisor
Race: Other
Sex: Male

Miscellaneous Information: [No data entered]

Experience Information

Training/Experience related to Board/Committee:

I have had a life long interest in energy efficiency and renewable energy. I have built and lived in a house that generated 100% of it's electricity from photovoltaic panels. I have also worked on other solar powered homes and installed other systems. I have converted two vehicles to run on alternative fuels. I am well aware of the advantages and limitations of various energy efficiency and renewable energy technologies.

Educational Background:

Associate of Arts degree from USF

Professional Organizations:

Executive Committee of Suwannee-St.John's group of the Sierra Club
Member Alachua County Environmental Protection Advisory Committee
Former Florida Coordinator for Amnesty International USA

References:

Dean Manley 352-475-9508
Rick and Jane Nesbit 386-462-4093
Liz Sieberling 386-684-6672
Jody Venn 352-472-5386

Background Information

Commission Contact (Hanrahan): [No data entered]
Commission Contact (Braddy): [No data entered]
Commission Contact (Chestnut): [No data entered]
Commission Contact (Domenech): [No data entered]
Commission Contact (Nielsen): [No data entered]
Commission Contact (Bryant): [No data entered]
Commission Contact (Lowe): [No data entered]

Question 1 (Prior Convictions?): Yes
Question 2 (City Resident?): Yes
Question 3 (Commission Relative?): No

Prior Convictions Explanation:

I plead no contest to trespass and resisting arrest without violence as a result of a political protest in Suwannee County, and paid the rather substantial costs and fines imposed. I was not sentenced to jail, probation or parole. The lesson I learned is that it is advisable to talk to law enforcement prior to engaging in civil disobedience, after the above incident further demonstrations were held without incident after discussions with Suwannee County Sheriff.

Applicant's Location

<http://www.mapquest.com/maps/map.adp?city=Gainesville&state=FL&address=915+NE+20th+Av+enue&zip=32609&country=us&zoom=5>

Technical Data

User IP address: 24.250.237.222
Client software: Mozilla/5.0 (Windows; U; Win 9x 4.90; en-US; rv:1.7) Gecko/20040707
Firefox/0.9.2
This message was generated on the City of Gainesville Website.

*Bill Goldberg
Systems Programmer
Computer Services Department
City of Gainesville
352.334.5000 x 5503*

City Commission Board/Committee Application

Submitted on: (Friday, April 29, 2005 at 9:35:56 AM)

Boards Applied For:
Water Management Committee
Meeting Date:

2. → Boards Applied For:
Gainesville Energy Advisory Committee
Meeting Date:

Personal/Contact Information

Name: Jess J Johnson
Address:

Home Phone:
Work Phone:
E-mail Address: jessji@ufl.edu

Occupation:

Graduate Student
Race: Hispanic American
Sex: Male

Miscellaneous Information:

Life-long resident of North Central Florida, born in Lake City

Experience/Training Information

Related to Board/Committee:

I will be starting a graduate program in commercial real estate development this summer, and I see water management as one of the key issues facing Florida's communities in the next century. While I have limited experience in this area, I am very passionate about the protection of our resources while we also plan for the growth that makes Gainesville an economically and culturally dynamic place to live. I have contacted Senator Rod Smith expressing my concern for these issues.

While the City Commission debated the merits of the proposed GRU powerplant, I contacted Mayor Hanrahan and Commissioner Domenech about my interest in helping to be part of a solution that is sustainable and based on sound science and analysis.

Educational Background: Bachelors degrees in Finance (cum laude) and Journalism from the University of Florida (Dec. 2004) Master of Science in Real Estate (expected May 2006) Professional Organizations:

References:

Dr. Patricia Telles-Irvin, Vice President for Student Affairs, UF, 352.392.1265
Mr. James Montgomery, Columbia County Commissioner 1972-80, 1984-2004,
386.752.3066
Mr. Bill Cervone, State Attorney, 8th Circuit, 352.374.3670

Background Information

Contacted Mayor Hanrahan:[E-mail,]
Contacted Commissioner Braddy:[No data entered]
Contacted Commissioner Bryant:[No data entered]
Contacted Commissioner Chestnut:[No data entered]
Contacted Commissioner Domenech:[E-mail,]
Contacted Commissioner Lowe:[No data entered]
Contacted Commissioner Nielsen:[No data entered]

Question 1 (City Resident?): Yes
Question 2 (Commission Relative?): No

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Applicant's Location
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<http://www.mapquest.com/maps/map.adp?city=Gainesville&state=FL&address=900 SW 62nd Blvd&zip=32607&country=us&zoom=5>

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Technical Data
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This message was generated on the City of Gainesville Website.
User IP address: 128.227.50.137
Client software: Mozilla/4.0 (compatible; MSIE 6.0; Windows NT 5.1; SV1)

Jess Joaquin Johnson

Education

University of Florida, Gainesville, Fla.
B.S. Business Administration cum laude – Major: Finance *Dec. 2004*
B.S. Journalism – Major: Journalism *Dec. 2004*
GPA: 3.53
Completed the University of Florida Honors Program *May 2002*

Columbia High School, Lake City, Fla. Rank: 3 out of 414 *June 2000*

Work Experience

University of Florida, Gainesville, Fla. *Full-time Feb. 2005 - Present*
Division of Student Affairs
Executive Assistant to the Vice President for Student Affairs

Reference: Dr. Patricia Telles-Irvin, Vice President for Student Affairs

tellesirvin@ufl.edu
www.ufsa.ufl.edu

Emerson Appraisal Company, Gainesville, Fla. *Part-time April 2003 – Jan. 2005*
Researcher for commercial real estate appraisal firm, designed exhibits for more than 400 projects

Reference: Charlie Emerson, Vice President

charlie@emersonappraisal.com
www.emersonappraisal.com

CNB National Bank, Lake City, Fla. *Part-time June 2000 – Aug. 2002*
Loan Administration
Responsibilities included auditing collateral vault; preparing databases, spreadsheets, reports; updating document tickler systems; other special projects

Reference: Suzanne Norris, North Florida Division President, Mercantile Bank

University of Florida, Gainesville, Fla. *Part-time August 2000 – Dec. 2000*
Dept. of Wildlife Ecology and Conservation
Computer support technician
Helped in the building and maintenance of computer and network systems

Reference: Wayne Hyde, computer engineer

hydew@ufl.edu

Undergraduate Involvement

Student Government

University of Florida Student Senate, President (Elected March 2003 – Oct. 2003)

- Chief executive officer of the 86-member legislative branch of UF student government
- The senate allocates an annual budget of more than \$10 million and is the chief policy-making body for UF students

University of Florida Student Senate, President Pro Tempore (Elected Oct. 2002 – March 2003)

- Second-in-command of the senate
- Chair of the Replacement and Agenda Committee that prepares the weekly agenda and recommends all committee assignments and replacements

University of Florida Student Senate, Budget Committee member (Appointed Nov. 2001 – March 2003)

University of Florida Student Senate, Judiciary Committee member (Appointed April 2002 – March 2003)

- The senate judiciary committee hears all non-budgetary bills including authorizations, resolutions, changes to statutes, and constitutional amendments

Fall 2003 Freshman Mentor

Student Traffic Court Associate Justice (selected Summer 2001 – Spring 2002)

- Adjudicate appeals of parking citations issued at UF

Division of Student Affairs

Division of Recreational Sports Board of Directors, member (appointed June 2002 – June 2004)

- Oversees the policies, budgets and operations of two student fitness centers, intramural sports, club sports, Lake Wauburg and aquatics programs.

Division of Recreational Sports Board of Directors, Long Range Planning Committee Chair (appointed June 2003 – June 2004)

Division of Recreational Sports Board of Directors, Vice-Chair (appointed June 2002 – June 2003)

- The vice-chair is the chair of the policy committee that reviews division policies and recommends changes

Camp Florida Counselor (Summer 2001)

Delta Tau Delta Fraternity

Social Chair (elected Nov. 2003 – April 2004, April 2004 – Dec. 2004)

Honor Board (elected April 2001 – Dec. 2004)

Pledge Education Board (selected Fall 2002, Spring 2003)

Secretary (elected Nov. 2001 – Nov. 2002)

Pledge Class President (elected Jan. 2001 – April 2001)

University Committees

American Flags in the Classroom committee (2002 – Dec. 2004)

Presidential Inauguration Installation subcommittee (2004)

Presidential Inauguration student involvement subcommittee (2004)

Library transition committee (2003 – 2004)

Division of Recreational Sports search committees (2002,2004)

Dean of Students Office search committee (2004)

University Legislative Agenda committee (2003)

Student Activities Appeals Committee (2003)

Transportation & Access Fee Committee (2002)

Community Service

Children's Miracle Network, Dance Marathon – 4-Year Dancer (2001, 2002, 2003, 2004)

American Cancer Society Relay for Life, Lake City, FL – Emcee (1999, 2000, 2001, 2002, 2003, 2004, 2005)

American Cancer Society Denim & Diamond Ball, Boots & Boxers Participant, Lake City, FL (2003, 2004)

- Along with elected officials, local personalities, and others, I raised money at and before the event by walking around in cowboy boots and boxer shorts.
- There was also a calendar made with the 12 participants that was sold at the event to raise money

Boys & Girls Club of Alachua County, Annual Casino & Gala – August 23, 2003

- I provided musical entertainment by playing acoustic guitar during dinner at this event, which at \$60 a plate raised over \$70,000 – enough to keep the Boys & Girls Clubs of Alachua County running for another year.

Interfraternity Council Director of Community Service (appointed Jan. 2002 – Jan. 2003)

- Co-sponsored "Into the Streets," which sent 300 Greeks to six sites within the Gainesville community including schools, nursing homes, and the Boys & Girls Club
- Improved playground and common areas at Kennedy Homes, a Section 8 subsidized housing development

Honors

University of Florida Hall of Fame (2004)

John M. Kinzer Award for Outstanding Service to the University of Florida (2004)

Outstanding Male Leader (2004)

J. Wayne Reitz Scholar (2003, 2004)

D. R. "Billy" Matthews Society (2004)

Presidential Recognition of outstanding achievement and contributions to the University of Florida (April 2004)

Who's Who Among Students in American Universities and Colleges (2003)

John Michael Stratton Award for Outstanding Member of the Student Senate (Spring 2002, Fall 2002)

Memberships

Florida Blue Key

College Leadership Florida, Class V

Savant UF

Delta Tau Delta Fraternity

Golden Key International Honor Society

City Commission Board/Committee Application

Submitted on: (Sunday, April 17, 2005 at 9:39:32 AM)

Boards Applied For:
Gainesville Enterprise Zone Development Agency
Meeting Date:

Boards Applied For:
Gainesville Energy Advisory Committee
Meeting Date:

Personal/Contact Information

Name: Amy L Kauper
Address:

Home Phone:
Work Phone:
E-mail Address: amy@kauperid.com

Occupation: Detailer
Race: Caucasian
Sex: Female
Miscellaneous Information:

Experience/Training Information

Related to Board/Committee:

With over 18+ years on commercial high-end building construction and 20 years of design experience I feel my background and knowledge can assist the City with further commercial development.

Educational Background:

BS Industrial Design - Kent State University 1990-1995
Professional Organizations: IDSA, PMI, IEEE, SAE, AWI.

References:

Mr. Stacy Hall, w/Cassaux Ellington - 331-1976
Mr. Scott Gill, w/ThemeWorks - 386-454-7500
Mr. Geoff Wilson, w/352 Media Group - 352-374-9657

Background Information

Contacted Mayor Hanrahan:[No data entered] Contacted Commissioner Braddy:[No data entered] Contacted Commissioner Bryant:[No data entered] Contacted Commissioner Chestnut:[No data entered] Contacted Commissioner Domenech:[No data entered] Contacted Commissioner Lowe:[No data entered] Contacted Commissioner Nielsen:[No data entered]

Question 1 (**City Resident?**): No
Question 2 (Commission Relative?): No

=====
Applicant's Location
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[http://www.mapquest.com/maps/map.adp?city=Gainesville&state=FL&address=717 SW 75th Street&zip=32607&country=us&zoom=5](http://www.mapquest.com/maps/map.adp?city=Gainesville&state=FL&address=717%20SW%2075th%20Street&zip=32607&country=us&zoom=5)

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Technical Data
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This message was generated on the City of Gainesville Website.
User IP address: 24.250.207.21
Client software: Mozilla/4.0 (compatible; MSIE 6.0; Windows NT 5.1)

City Commission Board/Committee Application

Submitted on: (Monday, April 25, 2005 at 10:48:35 AM)

Boards Applied For:

City Beautification Board

Meeting Date:

Gainesville Energy Advisory Committee

Meeting Date:

Personal/Contact Information

Name: Harold W Saive

Address:

Home Phone:

Work Phone:

E-mail Address: GNV@Saive.com

Occupation: Self-Employed

Race: Caucasian

Sex: Female

Miscellaneous Information:

Media

Experience/Training Information

Related to Board/Committee:

Numerous City Workshops, Commission meetings.

Educational Background:

Assoc. Degree, Electronics, Eng. MDCC, Miami, FI Auto-didactical research on energy methods, conservation, mining and transportation.

Professional Organizations:

American Association for the Advancement of Science.

President, AARP Gainesville Chapter

CCOA - Community Coalition for Older Adults, Alachua County.

-- Transportation Sub-committee.

Kiwanis Club, Gainesville

Gainesville Friends of Jazz and Blues.

References:

Mark Goldstein
Pete Rebmann
Abbey Goldsmith

Background Information

Contacted Mayor Hanrahan:[E-mail,Other]
Contacted Commissioner Braddy:[E-mail,Other]
Contacted Commissioner Bryant:[E-mail,Other]
Contacted Commissioner Chestnut:[E-mail,Other]
Contacted Commissioner Domenech:[E-mail,Other]
Contacted Commissioner Lowe:[E-mail,Other]
Contacted Commissioner Nielsen:[E-mail,Other]

Question 1 (**City Resident?**): Yes
Question 2 (Commission Relative?): No

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Applicant's Location
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<http://www.mapquest.com/maps/map.adp?city=Gainesville&state=FL&address=1716 NW 10 Ter&zip=32609&country=us&zoom=5>

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Technical Data
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This message was generated on the City of Gainesville Website.
User IP address: 24.136.37.172
Client software: Mozilla/4.0 (compatible; MSIE 6.0; Windows NT 5.1; SV1;
FunWebProducts; .NET CLR 1.0.3705; Media Center PC 2.8; .NET CLR 1.1.4322)

City Commission Board/Committee Application

Submitted on: (Thursday, January 06, 2005 at 11:22:35 AM)

Boards Applied For:

Strategic Planning

GAINESVILLE ENERGY ADVISORY COMMITTEE

or

Economic Development Advisory Board

Meeting Date:

Personal/Contact Information

Name: William A Van Dyke

Address:

Home Phone

Work Phone:

E-mail Address: vandykewp87@yahoo.com

Occupation: Systems Engineer

Race: Caucasian

Sex: Female

Miscellaneous Information:

Consultant in Electronic, Computer Information, Eco Dev & Energy

Experience/Training Information

Related to Board/Committee:

Have over thirty years of systems engineering of energy, electronics, computer information and economic development with US government and industry.

Educational Background:

BS Math & Science, Master and Doctor of Science in Engineering. Have other graduate engineering and physics studies. Have OSHA Construction Safety Certification.

Professional Organizations:

ASME, ISEA

References: Well provide upon interview and interest.

Background Information

Contacted Mayor Hanrahan:[No data entered]
Contacted Commissioner Braddy:[No data entered]
Contacted Commissioner Bryant:[No data entered]
Contacted Commissioner Chestnut:[No data entered]
Contacted Commissioner Domenech:[No data entered]
Contacted Commissioner Lowe:[No data entered]
Contacted Commissioner Nielsen:[No data entered]

Question 1 (**City Resident?**): No
Question 2 (Commission Relative?): No

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Applicant's Location
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<http://www.mapquest.com/maps/map.adp?city=Gainesville&state=FL&address=8708 SW 8th Place&zip=32607&country=us&zoom=5>

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Technical Data
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This message was generated on the City of Gainesville Website.
User IP address: 24.250.238.190
Client software: Mozilla/4.0 (compatible; MSIE 6.0; Windows 98; .NET CLR 1.1.4322)

William A. Van Dyke, Jr. D.Sc.

wvandykejr@cox.net

Education:

- East Texas State University, B.S., Math & Science, 1958
- George Washington University, Master of Engineering Administration, MEA, 1984
- George Washington University, Doctor of Engineering, D.Sc., 1990

Additional Training:

- Mechanical Engineering Studies, Southern Methodist University, TX, 1960-1962
- Graduate Physics Studies, East Texas State University, TX, 1962-1964.
- Graduate Physics Studies, Trinity College, CT, 1965-67.
- OSHA Construction Safety Certification, 1996

Employment:

- University of Florida, Leadership Development Institute, Gainesville FL., Affiliate Consultant/Adjunct Professor, August 2004 – Pr., Development of risk & assessment models of business. Implementation of business improvements methods. Mentoring and counseling of business executives & staff, and business operations. Leadership development colloquium & related research and development.
- Williams & Co., Publishers, Savannah, GA., Author of books and scientific and technical manuscripts, January 2004 – Pr., Current project: Nonfiction Book "Strike the Tent and Move On" to be published fall 2004. Later planned published material: Research underway regarding Technology Transfer and National Policy.
- VDV Media Corp., Dallas, TX, Senior Research Engineer Consultant, Feb 2003 – Pr, Design and Development of computer networks and telecommunication systems for public and private firms. Preparation of new business proposals and contract performance evaluations.
- Service Corp of Retired Executives (SCORE), Counselor, Gainesville, FL, Feb 2003 – Pr, Counselor and mentor to individuals and small businesses ranging from business planning, start-up, legal formation, financial management and best practices, contracting, marketing and sales, and technology product development.
- US Department of Energy, Program Manager & Senior Engineer, Washington D.C., 1990 – 2003. Program Manager of research and development of University Program and Small Business Innovation Research (SBIR) of nuclear energy reactors, super computing technology, space power systems, filter & separation technology, medical and industrial isotope technology, high energy physics research, and advanced energy technology developments. Conducted technology transfer feasibility assessments. Intellectual property assessments and analysis of technology commercialization benefits. Senior Systems Engineer to design and development of variety of advanced nuclear

isotope separation methods and super-conductor super collider (SSC) for fundamental atomic matter research. Senior Systems Engineer of variety of electricity power plant designs and developments. Senior Advisor on National Policy for Energy and national security.

- The Johns Hopkins University, Professor Lecturer, Whiting School of Engineering, Baltimore Maryland, 1997 – 2003. Taught graduate courses in Computer Science, Information & Technology, and Systems Engineering. Student advisor and counselor/mentor for graduate studies and research.
- The George Washington University, School of Engineering & Applied Science, Washington DC, Associate Professor Rank, 1993-1997. Taught graduate courses in Engineering Management, Data Communications & Management, and Technology Issues Analysis. Graduate student advisor for project research, Thesis, and Dissertation.
- The University of Maryland, School of Engineering, College Park, Maryland, Professor Lecturer, 1991-1993. Taught graduate course in Systems Engineering. Student advisor of project research, Thesis and Dissertation.
- SMART International Corporation, Senior Vice President, Ijamsville, MD, Dec. 1991 to 1996. Co-founder of SMART. Technical Director providing technology assessment of government, national laboratories and industrial entities. Consultant and lecturer of short courses, colloquiums, and author of publication materials in the fields of systems engineering, energy and the environment, and technology transfer assessment, and product commercialization. Plan and prepare proposals for new business initiatives. Conduct independent research and counseling in field.
- Vitro Corporation, Chief Engineer, Director, & Senior Systems Engineer, 1976 – 1990, Silver Spring, MD. Chief Engineer of Unmanned Aerial Vehicle Project. Technical Director of design and development a family of Joint UAV Military Vehicles Program. Conducted world-wide assessment of state-of-the-art UAVs of NATO and foreign countries. Director of Industrial Advisory Group of UAV systems to the Joint Military UAV Programs. Development of remotely piloted vehicle and unmanned aerial vehicle systems for a wide range of missions. Group Supervisor of naval ships electronics, radars, and combat systems. Research Engineer of advanced radars, missiles and combat systems. Program Manager of design, develop and manufacture of aircraft and naval ship combat missile & radar systems.
- Harris Corp., Associate Principal Engineer, 1971 – 1976, Palm Bay, FL, Design, development and production of advanced radar systems for mobile ground, airborne and space applications.
- Sanders Associates, Section Manager & Principal Engineer, Bedford, Mass, 1968 – 1971, Design, development and production of advanced low cross section missile detection radar systems for mobile ground and naval ship applications. Patent to improve radar pointing accuracy and reliability.
- United Aircraft Corp., Senior Group Engineer, West Hartford, CN, 1965 – 1968, Design, development and production of advanced space vehicle control, navigation and guidance system for the LEM APOLLO vehicles. Also, design, development and production of high-speed electric and turbo jets powered rail transportation/passenger train systems.

- LING-TEMCO-VOUGHT Corp., Technical Group Engineering Supervisor, Greenville, TX, 1958 – 1968, Design, development and production of aerospace surveillance, reconnaissance and electronic-intelligence systems for a variety of aircraft.
- TEMCO, Aircraft Electrician Technician, Greenville, TX, 1953 – 1958, Modification and maintenance of aircraft and aerospace electronic systems for a variety of aircraft. Fabrication and Installation of aerospace instruments/panels and upgraded engines for Riley Twin Ryan/Navion aircraft conversions.

University Faculty Appointments:

- Affiliate Consultant/Adjunct Professor, University of Florida, Leadership Development Institute, Gainesville Florida, 2004 - PR. Development of risk & assessment models for business. Implementation of business improvements methods. Mentoring and counseling of business executives & staff, and business operations. Leadership development colloquiums and related research and development.
- Professor Lecturer, Johns Hopkins University, Whiting School of Engineering, Maryland, 1997 – 2003, Taught graduate courses: Foundations of Networking and Telecommunications, Introduction to Local and Wide Area Networks, Distributed Systems, and Systems Engineering Product Development Projects.
- Associate Professor, George Washington University, School of Engineering and Applied Science, Washington D.C., 1993 – 1997, Taught graduate courses: Engineering Management, Data Communications and Management, Technology Issue Analysis, and Thesis & Dissertation Advisor.
- Professor Lecturer, University of Maryland, School of Engineering, 1991 – 1993, Taught graduate course: Principles and Processes of Systems Engineering.

Doctoral Dissertation: “An Analysis of the Impact of the Competition in Contracting Act (CICA) of 1984 on the Technical and Professional Services Contractors Serving the U.S. Navy.” Copyright, 1990 by Van Dyke, William Adolphus, Jr., UMI order number 9024928.

Patent Invention: Patent device to Improve Radar Pointing Error and Reliability, 1970.

Awards and Honors:

- Senior Advisor for DOE Scientific and Technical Energy Policy and Programs, 1994-1998.
- Senior Advisor and Researcher for DOE Small Business Innovation Research (SBIR) and Technology Transfer programs, 1992 – 2002.
- National DOE Security Policy Advisor, 1997 – 2002
- Several DOE Monetary and Performance Awards, 1990 –2002.
- DOE Appreciation Award, Jan 2001, “In recognition of your significant contribution to the Department of Energy’s complex review and reform of the Department’s technology partnership and commercialization programs,” Secretary Bill Richardson.
- DOE Distinguished Career Service Award, Dec 2002, “In recognition of over forty years of distinguished service to the U.S. Government as a Federal employee to the Department of Energy and as a contract employee to the Department of Defense.” Office Secretary, Director, Joseph S. Mahaley.

Professional Societies

- American Association for Advancement of Science (AAAS)
- American Society of Mechanical Engineers (ASME)

List of Some William Van Dyke Research Papers and Publications:

- "Graduate Physics research and experiment to study and estimate re-entry characteristics from space to earth atmosphere," 1960, East Texas State University (Texas A&M at Commerce).
- "Design analysis of use of strapped-down gyros and linear accelerators and gyros with computer modeling technology for space vehicle control, navigation and guidance," 1966, United Aircraft Corporation.
- "Design analysis for use of electric motor and turbo jets powered systems to power transportation and passenger rail trains on existing rail tracks," 1969, United Aircraft Corporation.
- "Design analysis and proposed methods for improving radar operation capabilities in high wind environments," 1970, Sanders Associates.
- "Design of modular and transportable telecommunication and surveillance radar systems," 1973, Radiation Inc (Harris Corporation).
- "Design analysis improvements of combat air search and surveillance radar systems for U.S. Naval ships," 1980, Vitro Corporation.
- "Design analog and digital telecommunications and integration improvements of naval ship combat weapon systems," 1980, Vitro Corporation.
- "Design and development of remotely piloted vehicles and unmanned aerial vehicles systems for multiple missions," 1985, Vitro Corporation and US Department of Navy.
- "System design and construction considerations of high energy physics super collider and detector architectures for use to research fundamental atomic particles," 1991, US Department of Energy.
- "Lecture series of systems engineering principles and processes for design, development, production and continued service of systems," 1992, University of Maryland.
- "Comparative study of coal, natural gas, nuclear and alternative power sources for electricity power generation," 1994, US Department of Energy.
- "Methods of determining aircraft and vehicle weigh while in motion" 1995, US Department of Energy and Oak Ridge National Laboratory.
- "Comparative study of isotope separation processes for separation and enrichment, and medical and industrial applications" 1995, US Department of Energy and Oak Ridge National Laboratory.
- "Research of inorganic membranes to filter and separate micro-particles and contaminants from liquid and gases, such as drinking water, chemical and toxic waste, and for medical and industrial processes," 1995, US Department of Energy and Oak Ridge National Laboratory.
- "Research of inorganic membranes to separate gases such as nitrogen and hydrogen from petroleum and industrial processes for power sources," 1996, US Department of Energy and Oak Ridge National Laboratory.
- "Lecture series of distributed systems to integrate autonomous interconnected computer-to-computer systems for modern business and scientific enterprises," 1997, Johns Hopkins University.
- "Investigate design and development of tera flop (million-million) high speed super computers and integrated micro-chip-circuitry architectural design and their potential applications," 1997, US Department of Energy and Johns Hopkins University

- "Lecture series of high speed computer architectures and software for integration of Local Area Networks and Wide Area Networks," 1998, Johns Hopkins University.
- "Lecture series of advanced computer-to-computer networking and telecommunications fundamentals for Business and Industrial Uses," 1998, Johns Hopkins University.
- "Analysis of new advanced technology for improved nuclear energy power reactor systems (reactor designs, thermoelectric conversion devices, sensors, instrumentation, materials and components)," 1998, US Department of Energy.
- "Analysis to improve conversion devices and materials of radioisotope thermoelectric generator (RTG) systems to power space vehicles for deep space exploration missions of Voyager, Galileo, Ulysses and Cassini," 1999, US Department of Energy.
- "Analysis of university research reactors, fuel enrichment configuration and refueling fabrication methods to determine feasibility, decrease cost and improve availability for research and educational activities," 1999, US Department of Energy.
- "Research of advanced electronic micro-circuitry to improve magnetic stereotaxics system (MSS) for medical treatment and tumor brain surgery," 1999, US Department of Energy and Oak Ridge National Laboratory.
- "Analysis of commercial applications of plasma separation process (PSP) to enrichment isotopes for medical and industrial applications," 2001, US Department of Energy and Oak Ridge National Laboratory.
- "Research and development of telecommunication devices to monitor individual physiological and medical condition," 2003, VDV Corporation.
- "Research and development of physiological status using micro-power wireless sensors system and personal area network (PAN) to determine medical significance and commercialization potential for government and private sectors," 2003, VDV Corporation.
- "Research and development of programmable wrist-worn prediction and environmental stress monitor to assess individual physiologic responses and thermoregulatory model to variety of stresses," 2003, VDV Corporation.
- "Research of digital trunk radio network of integrated voice and data wide area wireless telecommunications for public safety and fleet operations," 2003, VDV Corporation.
- "Research system vulnerability using a fuzzy-logic model based on threat visualization system (TVS) for modeling vulnerability of U.S. infrastructure," 2003, Van Dyke Consultants.
- "Research and development of advanced supervisory control and data acquisition (SCADA) system architectures for government, commercial, and industrial facility homeland security applications," 2003, Van Dyke Consultants.
- "Oil and Natural Gas Production and Distribution Systems," 2004, Van Dyke Consultants.
- "Technology Transfer, Intellectual Property and National Policy," 2004, Van Dyke Consultants.

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NAME: **Gainesville Energy Advisory Committee**

Openings: **One (1) Opening**
Applications: **Five (5) applications**

PLEASE *Initial* YOUR SELECTION

Requirement: City Residency NOT Required
Expiration: One (1) September 30, 2007

NAME OF APPLICANT	COMM Braddy	COMM Bryant	COMM Chestnut	COMM Domenech	COMM Lowe	COMM Nielsen	CHAIR Hanrahan
Rob Brinkman							
Jess J. Johnson							
Amy L. Kauper							
¹ Harold Saive							
² William Van Dyke	SB						
READVERTISE FOR ADDITIONAL APPLICANTS							

¹ Harold Saive also applied for the City Beautification Board

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PLEASE *Initial* YOUR SELECTION

Requirement: City Residency NOT Required
Expiration: One (1) September 30, 2007

NAME OF APPLICANT	COMM Braddy	COMM Bryant	COMM Chestnut	COMM Domenech	COMM Lowe	COMM Nielsen	CHAIR Hanrahan
Rob Brinkman							
Jess J. Johnson							
Amy L. Kauper		<i>AB</i>					
¹ Harold Saive							
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Openings: **One (1) Opening**
Applications: **Five (5) applications**

PLEASE *Initial* YOUR SELECTION

Requirement: City Residency NOT Required
 Expiration: One (1) September 30, 2007

NAME OF APPLICANT	COMM Braddy	COMM Bryant	COMM Chestnut	COMM Domenech	COMM Lowe	COMM Nielsen	CHAIR Hanrahan
Rob Brinkman			✓				
Jess J. Johnson							
Amy L. Kauper							
¹ Harold Saive							
² William Van Dyke							
READVERTISE FOR ADDITIONAL APPLICANTS							

¹ Harold Saive also applied for the City Beautification Board

² William Van Dyke has also applied for the City Plan Board

REGULAR MEMBERSHIP BALLOT

NAME: Gainesville Energy Advisory Committee

Openings: **One (1) Opening**
Applications: **Five (5) applications**

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Requirement: City Residency NOT Required
Expiration: One (1) September 30, 2007

NAME OF APPLICANT	COMM Braddy	COMM Bryant	COMM Chestnut	COMM Domenech	COMM Lowe	COMM Nielsen	CHAIR Hanrahan
Rob Brinkman							
Jess J. Johnson				Handwritten mark			
Amy L. Kauper				Handwritten mark			
¹ Harold Saive							
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NAME OF APPLICANT	COMM Braddy	COMM Bryant	COMM Chestnut	COMM Domenech	COMM Lowe	COMM Nielsen	CHAIR Hanrahan
Rob Brinkman					(L)		
Jess J. Johnson							
Amy L. Kauper							
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Rob Brinkman						WN	
Jess J. Johnson							
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NAME OF APPLICANT	COMM Braddy	COMM Bryant	COMM Chestnut	COMM Domenech	COMM Lowe	COMM Nielsen	CHAIR Hanrahan
Rob Brinkman							<i>[Handwritten Initials]</i>
Jess J. Johnson							
Amy L. Kauper							
¹ Harold Saive							
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