

STATE of MINNESOTA

EXECUTIVE



DEPARTMENT

TIM PAWLENTY
GOVERNOR

NOTICE OF APPOINTMENT

DAVID C. BOYD

RECEIVED

22399 Wagonwheel Trail
Lakeville, Minnesota 55044
County of Dakota
Congressional District Two

DEC 18 2008
President of the Senate

Because of the special trust and confidence I have in your integrity, judgment and ability, I have appointed and commissioned you to have and to hold the said office of:

CHAIR

PUBLIC UTILITIES COMMISSION

Effective: January 5, 2009
Term Expires: January 5, 2015

This appointment carries with it all rights, powers, duties, and emoluments granted by law and pertaining to this position until this appointment is superseded or annulled by me or other lawful authority or by any law of this State.

IN TESTIMONY WHEREOF, I have hereunto set my hand and caused the Great Seal of the State of Minnesota to be affixed at the Capitol in the City of Saint Paul, December 18, 2008.



Governor

Secretary of State

Replacing: Reappointment

STATE OF MINNESOTA
OPEN APPOINTMENTS APPLICATION FOR SERVICE ON STATE AGENCY
 All information on this form is available to the public upon request.

RECEIVED

DEC 1 3 2008

No. 0847 P. 1

Agency Name: * PUBLIC UTILITIES COMMISSION President of the Senate
(Name of board, council, commission or task force to which you are applying.)

Position Sought: COMMISSIONER
(Membership position sought or enter "member" if no specific requirements exist for position sought.)

Applicant Name: * DAVID BOYD
(First Name) (Last Name)

Applicant Address: * 22399 WAGON WHEEL TRAIL LAKEVILLE MN 55048
(Street) (City) (State) (Zip)

Work Phone: * (651) 201-2220 Home Phone: (952) 461-2774

E-MAIL: * DAVID.C.BOYD@STATE.MN.US

County: SCOTT MN House of Rep District: 35B U.S. House of Rep District: 2

* Indicates information that will appear on the Office of the Secretary of State web site: www.sos.state.mn.us

Have you ever been convicted of a felony: Yes No

Did the Appointing Authority suggest you submit your application? YES NO

Please attach a current resume or a biographical statement containing work history, education, community activities, etc., and any other information the Applicant or Nominating Person feels would be helpful to the Appointing Authority.

OPTIONAL STATISTICAL INFORMATION

The following information is optional and voluntary. Information is collected for, and compiled in, the annual report on the open appointments process pursuant to Minnesota Statutes §15.0597.

Sex: Female
 Male

Political Party: Democratic-Farmer-Labor
 Independence
 Republican
 Other _____
 No party preference

Race*: African American / Black
 American Indian / Alaska Native
 Asian
 Hispanic
 Native Hawaiian / Pacific Islander
 White
 Other Race _____

Disability: Yes
 No

National Origin: _____
(Country of Origin or Principle Tribe)

(* Select as many as apply)

I swear that, to the best of my knowledge, the above information is correct and that I satisfy all legally prescribed qualifications for the position sought.

David C. Boyd
 (Signature of Applicant)*

12/5/2008
 (Date)

* If another person or group is nominating the applicant, the applicant's signature indicates consent to nomination.

MAIL, FAX, OR SUBMIT APPLICATION IN PERSON, TO:

Office of the Secretary of State, Open Appointments
 180 State Office Building
 100 Rev. Dr. Martin Luther King, Jr., Blvd
 St. Paul, MN 55155-1299

FAX: (651) 296-9073
 Phone: (651) 287-5845
 Email: open.appointments@state.mn.us

Applicants will not receive an acknowledgement of submitted applications; the appointing authority will notify you if an interview is desired. By request, this application will be made available in alternative forms (for example, braille, large print, audio tape, or computer disk.)

FOR OFFICE USE: Sub by AA: _____

Governor

12/10

MN PUBLIC UTILITIES COMMISSION

Dec. 5. 2008 1:09PM

David C. Boyd

22399 Wagonwheel Trail
Lakerville, MN 55044
(952) 461-2774

MN Public Utilities Commission
121 7th Place East
Suite 350
St. Paul, MN 55101-2147
(651) 201-2220

Education

Ph.D.

Inorganic Chemistry, University of Minnesota, 1987

Thesis title: "Electrochemical and Spectroscopic Investigations of Unstable Transition Metal Intermediates."

B.A.

St. Olaf College, 1982

Majors: Chemistry, Biology

Current Position

July 2008-present

Chair, Minnesota Public Utilities Commission

July 2007-present

Commissioner, Minnesota Public Utilities Commission

Previous Position

2001-2007

Chair, Department of Chemistry, University of St. Thomas

2003-present

Professor of Chemistry, University of St. Thomas (on leave 2007-2009)

1994-2003

Associate Professor of Chemistry, University of St. Thomas

1989-1994

Assistant Professor of Chemistry, University of St. Thomas

Visiting Positions

1999-2000

Visiting Associate Professor of Chemistry, University of Minnesota

2007

Visiting Professor of Chemistry, University of Minnesota

Honors

University of St. Thomas Aquinas Scholars Society Professor of the Year, 1994.

Courses Taught

CHEM 111-112 (General Chemistry)

CHEM 111-112 (Honors General Chemistry)

CHEM 250 (Organometallic Chemistry)

CHEM 296 (Laboratory Methods in Materials Chemistry)

CHEM 320 (Instrumental Methods)

CHEM 400 (Advanced Inorganic Chemistry)

IDSC 480-02, spring 1994 (Aquinas Scholars Seminar: "Energy Depletion: How is the Global Community Responding?" with Jim Vincent (ECON)).

RECEIVED

DEC 10 2008

President of the Senate

Other

Faculty partnership with Terry Nichols and Steve Kolaczowski on science and theology, 1995.

Professional Organizations

National Association of Regulatory Utility Commissioners

Member Electricity Committee, Subcommittee on Clean Coal and Carbon Sequestration, and Subcommittee on Nuclear Issues-Waste Disposal

Nuclear Waste Strategy Coalition (Executive committee member)

American Chemical Society

Minnesota Section

Division of Inorganic Chemistry

Organometallic and Solid State Subdivisions

P. 2

No. 0847

MN PUBLIC UTILITIES COMMISSION

1:10PM

Dec. 5. 2008

Materials Research Society
Electrochemical Society
Minnesota Academy of Science
MACTLAC (Midwestern Association of Chemistry Teachers at Liberal Arts Colleges)
MICA (Minnesota Inorganic Chemists Association)
Council on Undergraduate Research

Research Experience

Sabbatical Leave: January 2007-June 2007

Collaborated with Professor Wayne Gladfelter on combinatorial chemical vapor deposition of mixed metal oxides with high dielectric constants, and solid-state characterization of the resulting thin films. Such materials are sought as components in the next generation of electrical devices.

Sabbatical Leave: July 1999-August 2000

Worked with Professor Larry Miller, Department of Chemistry, University of Minnesota, developing conducting polymer sensors for the detection and quantification of volatile organic compounds.

Postdoctoral: November 1987 to August 1989

The project entitled "New Routes to Thin Films of Metal Nitrides" involved a collaboration among Professors Wayne L. Gladfelter (Dept. of Chem.), John F. Evans (Dept. of Chem.), and Klavs F. Jensen (Dept. of Chem. Eng. and Mats. Sci.).

Explored link between chemical reaction mechanism and the physical properties of metal nitride thin films. Developed new synthetic routes to dialkylaluminum azide precursors for chemical vapor deposition of aluminum nitride thin films. Analyzed films with surface analytical techniques to establish surface morphology and structure. Measured rate of AlN deposition. Examined chemical reaction mechanism of deposition.

Graduate: September 1982 to October 1987

Investigated electron transfer behavior of potential solar energy conversion catalysts. Prepared and characterized new organometallic complexes capable of one to four electron oxidation reactions. Developed IR and UV-visible spectroelectrochemical methodologies for characterization of short-lived radical species. Extensive experience with electroanalytical and spectroscopic techniques.

Industrial: H.B. Fuller Co., June 1982 to September 1982

Formulated resins and urethane coatings. Evaluated wear properties and chemical resistance. Participated in scale-up of a successful formulation to pilot plant quantities.

Undergraduate: September 1981 to May 1982

- 1) Analyzed agricultural wastewater to assess impact on invertebrate species.
- 2) Synthesized and characterized osmium dithiocarbamate complexes.

24 Peer Reviewed Publications and U.S. Patents (available on request)

Recent Presentation list (available on request)

Internal and External Funding Awarded (available on request)

Service

Department Service

Chair, 2001 to 2007

Summer research coordinator, 1992 to 2004.

RECEIVED

DEC 10 2008

President of the Senate

No. 0847 P. 3

MN PUBLIC UTILITIES COMMISSION

Dec. 5. 2008 1:10PM

No. 0847 P. 4
MN PUBLIC UTILITIES COMMISSION
Dec. 5. 2008 1:10PM

Numerous faculty search committees.
Served on numerous Summa exam committees
Department tenure committee (tenure and third year evaluations of colleagues)
Biochemistry committees.

College/University Service

- *Served on Educational Policy Committee (1991-1995).
- *Steering committee for freshman advising.
- *Task force on undergraduate engineering.
- *Organized symposium entitled "Theme Courses: Integrating Science and Mathematics for Liberal Arts Students" with John Kemper and Jennifer Cruise, 2/12/93.
- *Presented Diverse Voices in the Classroom session with Jeff McLean and Jill McLean on 2/22/94 entitled "Science and Society in a Diverse Society". The session examined the problems associated with a lack of diversity in the scientific work force, and discussed how UST can encourage greater participation by women and minorities in science.
- *Paired courses task force (1994-1995)
- *Ad hoc committee on the College Vision Statement (1995)
- *Invited to serve on task force for design of the Frey Science and Engineering Center, and subsequently to serve on construction committee (and related sub-committees) for the facility (1992-1997).
- *Organized a team composed of Charles Keffer, Mark Werness, and David Boyd for the Project Kaleidoscope (PKAL) workshop on facilities for undergraduate science and mathematics, October 1-3, 1993 at Scripps College, Claremont, CA.
- *Freshman advisor, fall 1990 to 2001. Major field advisor 2001 to 2007.
- *Lilly Endowment grant committee (2002-2003).
- *Senator, 1997-1998 and 1998-1999.
- *Vice-chair, College Senate 1998-1999.
- *Interim Dean Search committee, 1998.
- *Invited to interview RA candidates for RHA (1998).
- *Search committees for Geology faculty (1999-2000 and 2002-2003).
- *Physics faculty search committees.
- *Faculty Grants Office Advisory Council (1997-1999).
- *Arts and Sciences Curriculum Committee (2003-2007)

RECEIVED

President of the Senate

Professional Service

- *Elected to two terms as treasurer, Minnesota Section American Chemical Society (1992-1996).
- *Nominated for membership chair, Inorganic Division, National American Chemical Society.
- *American Chemical Society Great Lakes Regional Meeting Organizing Committee.
- *Co-founded the Minnesota Inorganic Chemists Association (MICA) and organized two MICA meetings at St. Thomas.
- *Preparing Future Faculty mentor for Darron Janzen, spring 2003; Kris Wammer spring 2004.

Community Service

- *Volunteer, foster home provider, newsletter editor, and Director of Volunteers, Helping Paws of Minnesota (1988-1997).
- *Youth sports coach, Lakeville youth associations.
- *Served in various capacities for Cub Scout and Boy Scouts from the local (pack and troop) level up to the Indianhead Council (1998-2007).
- *Banquet Committee, Savage Chapter Ducks Unlimited (1998-present)