

## Curriculum Vitae

NAME

*Alaa S. Abd-El-Aziz*

BUSINESS ADDRESS

Office of the Provost and Vice Principal  
Academic and Research  
The University of British Columbia  
3333 University Way  
Kelowna, British Columbia  
Canada V1V 1V7

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### DEGREES

Ph.D. 1989 University of Saskatchewan, Canada  
M.Sc. 1985 Ain Shams University, Cairo, Egypt  
B.Sc. 1981 Ain Shams University, Cairo, Egypt

### ADMINISTRATIVE POSITIONS

2007-2016 **Provost**, The University of British Columbia Okanagan  
2006-2007 **Associate Vice-President and Chief Operating Officer, Academic & Research**,  
The University of British Columbia Okanagan  
2004-2006 **Vice-President, Research, International and External Affairs**,  
The University of Winnipeg  
2005-2006 **Acting Vice-President Academic**, The University of Winnipeg  
2001-2004 **Associate Vice-President Academic, Research and Graduate Studies**,  
The University of Winnipeg  
2000-2001 **Dean of Science**, The University of Winnipeg  
1998-2000 **Chair**, Department of Chemistry, The University of Winnipeg  
1995-1996 **Acting Chair**, Department of Chemistry, The University of Winnipeg  
1994-1995 **Co-op Coordinator**, Department of Chemistry, The University of Winnipeg

### ACADEMIC POSITIONS

2006-present **Professor**, Department of Chemistry, The University of British Columbia Okanagan  
2006-2009 **Adjunct Professor**, Department of Chemistry, The University of Winnipeg  
2005-2009 **Adjunct Professor**, Département de chimie, Université de Sherbrooke  
1991-2008 **Adjunct Professor**, Department of Chemistry, University of Manitoba  
1997-2006 **Professor**, Department of Chemistry, The University of Winnipeg

1993-1997 **Associate Professor**, Department of Chemistry, The University of Winnipeg  
 1990-1993 **Assistant Professor**, Department of Chemistry, The University of Winnipeg  
 1989-1990 **Lecturer**, Department of Chemistry, University of Toronto  
 1985-1988 **Teaching Assistant**, Department of Chemistry, University of Saskatchewan  
 1981-1985 **Instructor**, Department of Chemistry, Ain Shams University

## BOARDS AND EXTERNAL MEMBERSHIPS

2010 **Board of Directors**, Composite Research Network  
 2005-2010 **Board of Directors**, WestLink Innovation Network Ltd.  
 2006-2007 **Pacific Advisory Committee**, Natural Science and Engineering Research Council  
 2006 **Prairie Advisory Committee**, Natural Science and Engineering Research Council  
 2005-2006 **Board of Regents**, The University of Winnipeg  
 2001-2005 **Member**, Masters of Marriage and Family Institute, Aurora Family Therapy Centre Board  
 2001-2003 **Member**, The University of Winnipeg Board of Regents Negotiating Team  
 2001-2005 **Board of Directors**, Research and Education for Solutions to Violence and Abuse  
 2001-2003 **Chair, Executive Steering Committee**, Winnipeg Inner-City Research Alliances  
 2001-2003 **Member**, Premier's Economic Advisory Council, Task Force on Research  
 2001-2002 **Board of Directors**, WestLink Innovation Network Ltd.  
 2001-2002 **Member**, WestLink Membership and Governance Committee  
 1999-2002 **Treasurer**, Inorganic Division, Canadian Society for Chemistry  
 1998-2002 **Director of Chemical Education and Student Affairs**, Canadian Society for Chemistry  
 1998-2002 **Board of Directors**, Canadian Society for Chemistry  
 1998-2000 **Board of Regents**, The University of Winnipeg  
 1994-1995 **Past Chair**, The Chemical Institute of Canada, Manitoba Section  
 1993-1994 **Chair**, The Chemical Institute of Canada, Manitoba Section  
 1992-1993 **Program Chair**, The Chemical Institute of Canada, Manitoba Section

## SCHOLARLY AND PROFESSIONAL ACTIVITIES

2011 **Co-chair**, 1<sup>st</sup> International Congress on Advanced Materials, Jinan, Shandong, China  
 2010 **Co-organizer**, "Electron Transfer and Electrochemistry of Transition Metal Containing Inorganic and Organometallic Materials", Pacificchem, Hawaii  
 2008 **Reviewer**, the Office of Research Services, University of Lethbridge  
 2007 **Chair**, 90<sup>th</sup> Conference of the Canadian Society for Chemistry, Winnipeg, Manitoba  
 2006 **Co-organizer**, "Electroactive and Photoresponsive Metal-Containing Polymers", 232<sup>nd</sup> ACS National Meeting, San Francisco, California  
 2005 **Co-organizer**, "Transition Metal-Containing Polymers and Dendrimers", Pacificchem, Hawaii  
 2005 **Co-organizer**, "International Symposium on Advances in Organometallic Polymers", 230<sup>th</sup> ACS National Meeting, Washington, DC  
 2005 **Organizer**, Macromolecular Science and Engineering Division, 88<sup>th</sup> Conference of the Canadian Society for Chemistry, Saskatoon, Saskatchewan  
 2005 **Co-organizer**, "Metal-Containing Polymers and Macrocycles Symposium", 88<sup>th</sup> Conference of the Canadian Society for Chemistry, Saskatoon, Saskatchewan

2004 **Co-organizer**, “Organometallic and Coordination Clusters and Polymers: Syntheses and Applications Symposium”, 87<sup>th</sup> Conference of the Canadian Society for Chemistry, London, Ontario

2003 **Co-organizer**, “Metal-Containing Macromolecules Sessions”, 39<sup>th</sup> IUPAC Congress and 86<sup>th</sup> Conference of the Canadian Society for Chemistry, Ottawa, Ontario

2002-2003 **Member**, Premier’s Economic Advisory Council, Winnipeg, Manitoba

2002 **Organizer and Chair**, “Organoiron Polymers Sessions”, 223<sup>rd</sup> American Chemical Society Meeting, Orlando, Florida

2002 **Consultant**, (to) the Ontario Council on Graduate Studies Appraisal Committee for Ottawa-Carleton Chemistry Institute

2002 **Member**, Selection Committee for the Chemical Institute of Canada “Bayer Inc. Award for High School Chemistry Teachers”

2002 **Member**, Selection Committee for the Chemical Institute of Canada “Union Carbide Award for Chemical Education”

2002 **Member**, Selection Committee for the Canadian Society for Chemistry “Alfred Bader Scholarship”

2001 **Member**, the Canadian Society for Chemistry Accreditation Review Committee, Department of Chemistry, Lakehead University

2000 **Judge**, 14<sup>th</sup> Annual Western Canadian Undergraduate Chemistry Conference, Student Poster Competition, Winnipeg, Manitoba

1999 **Judge**, 82<sup>nd</sup> Canadian Society for Chemistry Conference and Exhibition, Student Poster and Oral Competitions, Toronto, Ontario

1999 **Judge**, 13<sup>th</sup> Annual Western Canadian Undergraduate Chemistry Conference, Student Poster and Oral Competitions, Saskatoon, Saskatchewan

1998 **Organiser and Chair**, “Inorganic Session”, 215<sup>th</sup> American Chemical Society Meeting, Dallas, Texas

1998 **Judge**, 81<sup>st</sup> Canadian Society for Chemistry Conference and Exhibition, Student Poster Competition, Whistler, British Columbia

1998 **Judge**, 12<sup>th</sup> Annual Western Canadian Undergraduate Chemistry Conference, Student Poster and Oral Competitions, Calgary, Alberta

1998 **Judge**, 80<sup>th</sup> Canadian Society for Chemistry Conference and Exhibition, Student Poster Competition, Windsor, Ontario

1997 **Judge**, 11<sup>th</sup> Annual Western Canadian Undergraduate Chemistry Conference, Student Poster and Oral Competitions, Winnipeg, Manitoba

1996 **Organiser**, “Applications of Photochemistry in Industry and Research Symposium”, in collaboration with Prof. K.J. Friesen, Winnipeg, Manitoba

1995-1996 **Student Liaison**, The Chemical Institute of Canada, Manitoba Section

1994 **Chair**, “Inorganic Session”, 208<sup>th</sup> American Chemical Society Meeting, Washington, D.C.

1994 **Organiser**, “Odd-Electron Compounds Symposium”, 77<sup>th</sup> Canadian Society for Chemistry Conference and Exhibition, Winnipeg, Manitoba

1993-present **Member**, American Chemical Society

1993 **Organiser and Chair**, “Inorganic Session”, 206<sup>th</sup> American Chemical Society Meeting, Chicago, Illinois

1991-1993 **Program Chair**, The Chemical Institute of Canada, Manitoba Section

1985-present **Member**, The Chemical Institute of Canada

## AWARDS AND HONOURS

2004	<b>Distinguished Faculty Travel Award</b> , The University of Winnipeg
2002	<b>Distinguished Faculty Travel Award</b> , The University of Winnipeg
1999-2001	<b>Merit Award</b> , The University of Winnipeg
2000	<b>Manitoba Outstanding Chemist Award</b> , The Chemical Institute of Canada, Manitoba Local Section
1997-1998	<b>Merit Award</b> , The University of Winnipeg
1997	<b>Fellow of The Chemical Institute of Canada</b>
1995-1997	<b>Merit Award</b> , The University of Winnipeg
1994-1995	<b>Merit Award</b> , The University of Winnipeg
1994	<b>The Erica &amp; Arnold Rogers Award for Excellence in Research and Scholarship</b> , The University of Winnipeg
1994	<b>CSC/IUPAC International Travel Award</b>
1993-1994	<b>Merit Award</b> , The University of Winnipeg
1993	<b>Award of Merit</b> for service as Coordinator of National Chemistry Week for the Manitoba Local Section, The Chemical Institute of Canada
1992-1993	<b>Merit Award</b> , The University of Winnipeg
1992	<b>The Clifford J. Robson Memorial Award for Excellence in Teaching</b> , The University of Winnipeg
1992	<b>Ichikizaki Travel Award for Young Chemists</b> , The Chemical Institute of Canada
1991-1992	<b>Merit Award</b> , The University of Winnipeg
1990	<b>NSERC Postdoctoral Fellowship</b> , Department of Chemistry, University of Toronto
1988	<b>Taube Medal</b> for Most Outstanding Graduate Student, Department of Chemistry, University of Saskatchewan (Presented by Nobel Laureate Professor Henry Taube)
1985-1988	<b>Graduate Scholarships</b> , University of Saskatchewan (awarded by annual competition)
1981	<b>Award for Outstanding Academic Achievement</b> , Ain Shams Student Union
1978-1981	<b>Undergraduate Scholarships</b> , Ain Shams University (awarded by annual competition)

## ADMINISTRATIVE ACTIVITIES

- National Vice-Presidents' Academic Council, Annual Conference, St. John's, Newfoundland, October 14-15, 2010
- Western Vice-Presidents, Research and Academic Annual Meetings, Victoria, British Columbia, March 3-6, 2010
- Invited Speaker, the Conference Board of Canada HR Summit 2009: Building Organizational Resilience and Sustainability, Plenary Session 2: The Future of the Workplace. Toronto, Ontario, October 5-6, 2009
- Western Vice-Presidents, Research and Academic Annual Meetings, Victoria, British Columbia, March 4-6, 2009
- Co-organizer, Western Vice-Presidents, Research and Academic Annual Meetings, Victoria, British Columbia, March 2008
- WorkLife BC Forum, "Gaining the Edge with Workplace Flexibility", February 2008
- Western Vice-Presidents, Research and Academic Annual Meetings, Victoria, British Columbia, February 28 to March 2, 2007
- Research Integrity Workshop, "Towards a Canadian Approach", Ottawa, Ontario, January 22-23, 2007

- Western Vice-Presidents, Research and Academic Annual Meetings, Victoria, British Columbia, March 1-4, 2006
- Canadian Association of University Business Officers (CAUBO) meeting, Faculty Bargaining Workshop, Toronto, Ontario, November 2-4, 2005
- Invited Speaker, Education Forum for Asia, Beijing, China, October 13-16, 2005
- Manitoba and Saskatchewan Vice-Presidents (Academic) Meeting, September 17, 2005
- Western Vice-Presidents, Research Annual Meetings, Victoria, British Columbia, March 2-4, 2005
- Western Vice-Presidents, Research Annual Meetings, Victoria, British Columbia, March 3-5, 2004
- Association of Universities and Colleges of Canada (AUCC) Workshop, “Representation of Women in the Canada Research Chairs Program”, Ottawa, Ontario, October 19-20, 2003
- NSERC, Regional Meeting, Toronto, Ontario, September 15, 2003
- AUCC Workshop, “Vice-Presidents, Research”, Ottawa, Ontario, May 21-23, 2003
- Annual Canadian Association of University Research Administrators (CAURA) Conference, Ottawa, Ontario, May 4-6, 2003
- Western Vice-Presidents, Research Annual Meetings, Victoria, British Columbia, March 6-7, 2003
- NSERC, Repts’ General Meeting, Ottawa, Ontario, January 23-24, 2003
- Network Planning Meeting, Calgary, Alberta, January 21, 2003
- Winnipeg Regional Innovation Summit, Winnipeg, Manitoba, September 25, 2002
- NSERC, Highly Qualified People (HQP) Workshop, Calgary, Alberta, May 30, 2002
- CAURA Conference, Saskatoon, Saskatchewan, May 12-15, 2002
- National Association of University Board Chairs and Secretaries (NAUBSC), Quebec City, Quebec, April 19-21, 2002
- NSERC, Repts’ Orientation Session, Ottawa, Ontario, March 15, 2002
- Western Vice-Presidents, Research Annual Meetings 2002, Victoria, British Columbia, March 7-8, 2002
- Innovation Commercialization of University Research (ICUR), “Best Practices for ICUR”, Edmonton, Alberta, February 7-9, 2002

## ADMINISTRATIVE RESPONSIBILITIES

### University

- **Chair**, Academic Council, The University of British Columbia Okanagan, 2006-Present  
*(Members: Associate Vice-President Learning Services; Deans; Associate Deans; Program Directors; Director Human Resources; Director, Student Recruitment and Advising; Director, Sustainability Operation)*
- **Chair**, Deans’ Council, The University of British Columbia Okanagan, 2007-Present  
*(Members: Dean of the Faculty of Arts and Sciences; Dean of Faculty of Creative and Critical Studies; Dean of the Faculty of Education; Dean of the Faculty of Health and Social Development; Dean of the Faculty of Management; Dean of the Faculty of Applied Science; Dean of the College of Graduate Studies; Regional Associate Dean, Interior, Faculty of Medicine & Associate Vice-Provost, Medical Sciences Okanagan)*
- **Member**, Senior Executive Committee, The University of British Columbia Okanagan, 2006-Present
- **Member**, Deputy Vice Chancellor’s Executive Committee, The University of British Columbia Okanagan, 2006-Present
- **Chair**, Award for Excellence in Research and/or Creative Scholarly Activity Committee, The University of British Columbia Okanagan, 2009-Present
- **Chair**, Provost’s Award for Public Education through Media Committee, The University of British Columbia Okanagan, 2009-Present
- **Chair**, Director Okanagan Sustainability Institute Selection Committee, The University of British Columbia Okanagan, 2009-Present

- **Chair**, Dean of the Faculty of Creative and Critical Studies Selection Committee, The University of British Columbia Okanagan, 2010-Present
- **Chair**, Dean of the College of Graduate Studies Selection Committee, The University of British Columbia Okanagan, 2010-Present
- **Chair**, Strategic Planning Committee, The University of British Columbia Okanagan, 2009-2010
- **Chair**, Strategic Academic Strategy Working Group, The University of British Columbia, 2009-2010
- **Co-Chair**, Academic Space Committee, 2009-2010
- **Chair**, Dean of the Faculty of Education Selection Committee, The University of British Columbia Okanagan, 2009-2010
- **Chair**, Dean of the Faculty of Management Selection Committee, The University of British Columbia Okanagan, 2009-2010
- **Chair**, Director of Interdisciplinary Graduate Studies Selection Committee, The University of British Columbia Okanagan, 2009-2010
- **Chair**, Dean of the Faculty of Health and Social Development Selection Committee, The University of British Columbia Okanagan, 2009-2010
- **Chair**, Dean of the Irving K. Barber School of Arts and Sciences Selection Committee, The University of British Columbia Okanagan, 2009-2010
- **Co-Chair**, Senior Associate Dean of the Faculty of Management Selection Committee, The University of British Columbia Okanagan, 2009-2010
- **Co-Chair**, SEM Steering Committee, The University of British Columbia Okanagan, 2009-Present
- **Member**, Council of Senates, The University of British Columbia, 2009-Present
- **Member**, Okanagan Senate Academic Policy Committee, The University of British Columbia Okanagan, 2009-Present
- **Member**, Strategic Enrolment Planning (SEM) Council, The University of British Columbia, 2009-Present
- **Chair**, Okanagan Sustainability Working Group, The University of British Columbia Okanagan, 2008-Present
- **Co-Chair**, Okanagan Focus on People Working Group, The University of British Columbia Okanagan, 2008-Present
- **Member**, President's Steering Committee on Focus on People, The University of British Columbia, 2008-Present
- **Member**, President's Advisory Council on Sustainability, The University of British Columbia, 2008-Present
- **Chair**, Award for Teaching Excellence and Innovation Committee, The University of British Columbia Okanagan, 2007-Present
- **Member**, Senate Curriculum Standing Committee, The University of British Columbia Okanagan, 2007-Present
- **Member**, Senate Learning and Research Standing Committee, The University of British Columbia Okanagan, 2007-Present
- **Member**, Senate Policy and Procedures Committee, The University of British Columbia Okanagan 2007-Present
- **Chair**, Teaching Effectiveness Committee, The University of British Columbia Okanagan, 2007-Present
- **Senate Member**, The University of British Columbia Okanagan, 2007-Present
- **Member**, Selection Committee, Dean of Applied Science, The University of British Columbia, 2008
- **Member**, Selection Committee, Regional Dean, Interior, Faculty of Medicine, The University of British Columbia, 2008
- **Chair**, Strategic Research Planning Committee, The University of British Columbia Okanagan, 2007-2008

- **Member**, Dean of Management Selection Committee, The University of British Columbia Okanagan, 2007
- **Member**, Graduate Studies Council, The University of British Columbia Okanagan, 2007
- **Member**, Human Rights and Equity Committee, The University of British Columbia Okanagan, 2007
- **Chair**, Selection Committee, Associate Vice-President Academic, Student Services, The University of Winnipeg, 2006
- **Chair**, Selection Committee, Dean of Continuing Education, The University of Winnipeg, 2006
- **Chair**, Selection Committee, Dean of Education, The University of Winnipeg, 2006
- **Member**, Selection Committee, Director of Enrolment Service, The University of Winnipeg, 2006
- **Chief Negotiator**, The University of Winnipeg and the Faculty Association Collegiate Contract Negotiation, 2006
- **Member**, The University of Winnipeg and the Faculty Association Collegiate (Contract Faculty), 2006
- **Chair**, Academic Council, The University of Winnipeg, 2005-2006
- **Chair**, Academic Planning Committee, The University of Winnipeg, 2005-2006
- **Chair**, Institutional Analysis, The University of Winnipeg, 2005-2006
- **Member**, Selection Committee, Vice-President, Academic, The University of Winnipeg, 2005-2006
- **Member**, Senate Executive Committee, The University of Winnipeg, 2005-2006
- **Member**, Senior Executive, The University of Winnipeg, 2005-2006
- **Member**, Senior Management Council, The University of Winnipeg, 2005-2006
- **Member**, UW Legal Counsel, The University of Winnipeg, 2005-2006
- **Chair**, Global College and Dialogue Centre, The University of Winnipeg, 2004-2006
- **Member**, Honorary Degrees Committee, The University of Winnipeg, 1999-2001; 2004-2006
- **Member**, Administrative Council, The University of Winnipeg, 2001-2006  
(*Members: President, Vice-Presidents, Director of Communications, Director of Human Resources*)
- **Chair**, Canada Research Chairs' Committee, The University of Winnipeg, 2001-2006
- **Chair**, Graduate Studies Committee, The University of Winnipeg, 2001-2006
- **Member**, Distinguished Faculty Lecture Series Committee, The University of Winnipeg, 2001-2006
- **Member**, Senate Animal Care Committee (SACC), The University of Winnipeg, 2001-2006
- **Member**, Senate Committee on Ethics in Human Research & Scholarship (SCEHRS), The University of Winnipeg, 2001-2006
- **Member**, Senate, The University of Winnipeg, 1995-1996; 1998-2006
- **Member**, RESOLVE (Research and Education for Solutions to Violence and Abuse) 2001-2005
- **Member**, Academic Council, The University of Winnipeg, 2000-2005  
(*Members: President, Vice-Presidents, Deans, Director of Technical Support Solutions, University Librarian*)
- **Member**, Dean of Social Science Review Committee, The University of Winnipeg, 2005
- **Member**, Dean of Theology Review Committee, The University of Winnipeg, 2005
- **Member**, Student Information Systems, The University of Winnipeg, 2005
- **Member**, UWin Edge Committee, The University of Winnipeg, 2002-2005
- **Member**, Information Technology Steering Committee (ITSC), The University of Winnipeg, 2001-2005
- **Member**, Joint Senate Committee (JSC), The University of Winnipeg, 1991-1993; 2001-2005
- **Member**, Masters of Marriage and Family Institute (MMFT), The University of Winnipeg, 2001-2005
- **Member**, SPACE Coordinating Committee, The University of Winnipeg, 2001-2005
- **Member**, Freedom of Information and Protection of Privacy Act (FIPPA) Advisory Committee, The University of Winnipeg, 2000-2005
- **Member**, Research Committee and Travel Committee, The University of Winnipeg, 1992-1996; 2000-2005

- **Member**, Workplace Safety and Health Committee, The University of Winnipeg, 2000-2005
- **Executive Director**, TSC Review Committee, The University of Winnipeg, 2004
- **Member**, University Librarian Review Committee, The University of Winnipeg, 2004
- **Member**, eCommons Advisory Board, The University of Winnipeg, 2003-2004
- **Member**, My UWinnipeg Committee, The University of Winnipeg, 2003-2004
- **Chair**, Canada Research Chairs' Committee, The University of Winnipeg, 2001-2004
- **Member**, Council of the Faculty of Theology, The University of Winnipeg, 2001-2004
- **Member**, CR/Learning Commons Committee, The University of Winnipeg, 2003
- **Member**, Northern Studies Committee, The University of Winnipeg, 2003
- **Member**, SIS Checkpoint Committee, The University of Winnipeg, 2003
- **Member**, The University of Winnipeg and the Faculty Association Contract Negotiation, 2002-2003
- **Member**, Winnipeg Inner-City Research Alliances, Executive Steering Committee, 2001-2003
- **Chair**, The University of Winnipeg Third Term Committee, 2001-2002
- **Chair**, Academic Technical Support Committee, The University of Winnipeg, 2000-2001
- **Chair**, Academic Standards Committee, The University of Winnipeg, 2000-2001
- **Member**, Campus Development Steering Committee, The University of Winnipeg, 2000-2001
- **Member**, Institutional Analysis Committee, The University of Winnipeg, 2000-2001
- **Member**, Senate Executive Committee, The University of Winnipeg, 2000-2001
- **Chair**, Student Information System Task Force, The University of Winnipeg, 2000-2001
- **Member**, Board of Regents, Executive Committee, The University of Winnipeg, 1999-2000
- **Member**, President's Advisory Committee on Academic Restructuring, The University of Winnipeg, 1999-2000
- **Member**, The University Tenure and Promotions Committee, The University of Winnipeg, 1999-2000
- **Member**, Board of Regents, Finance Committee, The University of Winnipeg, 1998-2000
- **Member**, Review Committee, Associate Vice President (Research and Graduate Studies), The University of Winnipeg, 1998-1999
- **Member**, Selection Committee, President of The University of Winnipeg 1998-1999
- **Member**, Selection Committee, Associate Vice President (Research and Graduate Studies), The University of Winnipeg, 1993-1994
- **Member**, United Way Collection Committee, The University of Winnipeg, 1991-1992

#### **Faculty (The University of Winnipeg)**

- **Member**, Biochemistry Program Committee, 1999-2000
- **Chair**, Faculty Council of Arts and Sciences (FCAS) Nominating Committee, 1993-1994
- **Chair**, FCAS Visiting Lecturer Committee, 1992-1993
- **Member**, Environmental Studies Steering Committee, 1999-2000
- **Member**, Faculty Advising Committee, 1999-2000
- **Member**, FCAS Award Committee, 1992-1993
- **Member**, FCAS Executive Committee, 1991-1992
- **Member**, FCAS Faculty Appeals Committee, 1992-1993;1996-1998
- **Member**, FCAS Nominating Committee, 1992-1996
- **Member**, FCAS Personnel Committee, 1991-1992
- **Member**, FCAS Teaching and Development, 1996-2000
- **Member**, FCAS Visiting Lecturer Committee, 1991-1992
- **Member**, Selection Committee, Chair of Administrative Studies and Business Computing, 1997-1998
- **Member**, Selection Committee, Chair of the Department of Classics, 1998-1999

- **Member**, Selection Committee, Chair of the Department of Economics, 1998-1999
- **Member**, Selection Committee, Chair of History Department, 1997-1998
- **Member**, Review Committee, Coordinator of the Department of Physical Activity and Sports Studies, 1998-1999

#### **Department (The University of Winnipeg)**

- **Coordinator**, Department Research and Travel, 1990-1992; 1997-1998
- **Coordinator**, Department Visiting Lecturer Committee, 1990-1992; 1994-1996
- **Member**, Department Awards Committee, 1991-1993; 1995-2000
- **Member**, Department Curriculum Committee, 1990-2000
- **Member**, Department NMR Committee, 1994-2000
- **Member**, Department Personnel Committee, 1991-1995; 1997-2000
- **Member**, Department Review Committee, 1991-1993; 1998-2000
- **Member**, Department Safety Committee, 1999-2000
- **Member**, Department Space and Facilities Committee, 1996-2000

#### **COURSES TAUGHT**

**Undergraduate**            **The University of British Columbia Okanagan**  
422H                            Polymer Chemistry

**Graduate**                    **The University of British Columbia Okanagan**  
568H                            Polymer Chemistry

**Undergraduate**            **The University of Winnipeg**  
1101/6                        Introductory Chemistry  
2201/6                        Organic Chemistry  
2401/3                        Inorganic Chemistry I: Main Group Elements  
2801/3                        Chemistry and Society  
3401/3                        Inorganic Chemistry II: Coordination and Organometallic Chemistry  
3801/3                        Polymer Chemistry  
4401/3                        Organometallic Chemistry  
4701/6                        Research Projects in Chemistry

**Graduate**                    **The University of Manitoba**  
2.756                        Organometallic Chemistry  
2.760                        Topics in Inorganic Chemistry

**Undergraduate**            **The University of Toronto**  
135                            General Chemistry (1<sup>st</sup> year)

## CURRENT RESEARCH INTERESTS

- Development of new synthetic methodologies for organic and organometallic polymers
- Electrochemical studies of organometallic oligomeric and polymeric materials
- Investigation of structural variations on the thermal properties of polymers
- The role of different metals in changing the reactivities of substituted benzenes toward nucleophilic aromatic substitution and addition reactions
- Degradation of organic contaminants

## POSTDOCTORAL FELLOWS AND RESEARCH ASSOCIATES

- **Dr. Edwige Otero**, Visiting Scholar, 2010
- **Dr. Amal Youssef**, Visiting Professor, 2009
- **Dr. Britta N. Boden**, Postdoctoral Fellow, 2008-2009
- **Ms. Cheng Yuan**, Research Associate, 2005-2006
- **Dr. Amal Youssef**, Visiting Professor, 2005
- **Dr. Tarek Afifi**, Research Associate, 2000-2004
- **Dr. Waleed Boraie**, Visiting Professor, 2003
- **Dr. Ahmed H. Bedair**, Visiting Professor, 2003
- **Dr. Ahmed El-Agrody**, Visiting Professor, 2003
- **Dr. Vallipuram Sarveswaran**, Postdoctoral Fellow, 1999-2000
- **Mr. Guozhang Ma**, Research Associate, 1999-2000
- **Dr. Amal Ahmed**, Research Associate, 1997
- **Dr. Salwa Sadek**, Postdoctoral Fellow, 1996-1997

## GRADUATE STUDENTS

- **Inana Kucukkaya**, Ph.D., 2010 (in progress)
- **Mason Vandell**, M.Sc., 2010 (in progress)
- **Elizabeth Strohm**, M.Sc., 2010 (in progress)
- **Sibel Sezgin**, Ph.D., 2009 (in progress)
- **Man Ding**, M.Sc., 2009 (in progress)
- **Jessica L. Pilfold**, M.Sc., 2009 (in progress)
- **Mosa Alsehli**, M.Sc., 2009 (in progress)
- **Mahmoud Basha**, M.Eng., 2008 (in progress)
- **Basil Elmayergi**, Ph.D., 2006 (in progress)
  
- **Patrick Shipman**, Ph.D., 2006-2010  
*Thesis title: The Design of Functionalized Organoiron and Organic Polymers containing Azo Dyes and Calixarenes*  
*Present position: Postdoctoral Fellow, University of Western Ontario, London, Canada.*
  
- **Diana Winram**, M.Sc., 2007-2010  
*Thesis title: Tailored Synthesis of Complexes and Polymers Containing Organoiron and Organocobalt*

- **Sarrah Carruthers**, Ph.D., 2003-2009  
*Thesis title: Structure, Property Relationship in Cyclopentadienyliron Containing Compounds*  
*Present position: Postdoctoral Fellow, University of Manitoba, Winnipeg, Canada.*
- **Shawkat Mohammed**, Ph.D., 2005-2009  
*Thesis title: Photo-induced Energy and Electron Transfer in Organic and Organometallic Polyads, Oligomers and Polymers*  
*Present position: Assistant Professor, Assuit University, Assuit, Egypt*
- **Rawda Okasha**, Ph.D., 2002-2007  
*Thesis title: Design of Neutral and Cationic Organoiron Macromolecules*  
*Present position: Assistant Professor, Department of Chemistry, Taibah University, Saudi Arabia*
- **Nelson Pereira**, M.Sc., 2004-2007  
*Thesis title: Synthesis of novel linear and cross-linked polymers*  
*Present position: Canadian Grain Commission, Winnipeg, Manitoba*
- **Hany Mohamad**, Ph.D., 2003-2007  
*Thesis title: Synthesis of Novel Pyrimidines, Acrylonitriles, and Coumarins*  
*Present position: Assistant Professor, Al-Azhar University, Cairo, Egypt*
- **Chris Corkery**, M.Sc., 2003-2005  
*Thesis title: Polymers with Pendant Coumarins: Synthesis and Characterization of Polystyrenes and Polymethacrylates with Pendant Coumarin Moieties*  
*Present position: Ph.D. Student, Australian National University, Canberra, Australia*
- **Erin K. Todd**, Ph.D., 1998-2003  
*Thesis title: Polyaromatic Ethers and Thioethers Coordinated to Cyclopentadienyliron Complexes*  
*Present position: Patent Examiner, Chemical Division, Patent Branch, Canadian Intellectual Property Office, Ottawa, Ontario*
- **Taha El-Morsi**, Ph.D., 1998-2003  
*Thesis title: Homogeneous Photocatalytic Degradation of Short Chain Polychlorinated n-Alkanes in Natural Water*  
*Present position: Assistant Professor, Al-Azhar University, Cairo, Egypt*
- **Wesley Budakowski**, M.Sc., 2000-2002  
*Thesis title: Azo Dyes Incorporating Cyclopentadienyliron Moieties: Synthesis, Polymerization and Decomplexation Studies*  
*Present position: K'(Prime) Technologies and Manufacturer Representative for Agilent Technologies, Winnipeg, Manitoba*
- **Shaune M<sup>c</sup>Farlane**, M.Sc., 2000-2002  
*Thesis title: Design of Disulfone Monomers and their Subsequent Polymerization*  
*Present position: Ph.D. Student, University of Alberta, Edmonton, Alberta*

- **Leslie J. May**, M.Sc., 1999-2001  
*Thesis title: Design of Functionalized Cyclic Aryl Ethers and Alkenes and their Subsequent Ring-opening Polymerization*  
*Present position: Development Chemist, Baker Petrolite, Calgary, AB, Canada*
- **Andrea Edel**, M.Sc., 1997-1999  
*Thesis title: Synthesis and Ring-opening Metathesis Polymerization of Norbornenes Containing Pendent Aromatic and Aliphatic Side Chains*  
*Present position: Researcher, St. Boniface Research Centre, Winnipeg, Manitoba*
- **Karen M. Epp**, Ph.D., 1994-1999  
*Thesis title: The Chemistry of Cyclopentadienyliron Complexes of Arenes with Sulfur, Oxygen and Nitrogen Bridges*  
*Present position: Assistant Professor, Memorial University of Newfoundland, St. John's, Newfoundland*
- **Shelly Bernardin**, M.Sc., NSERC Scholar, 1996-1998  
*Thesis title: Preparation of Novel Bimetallic and Trimetallic Species Containing the Cyclopentadienyliron Moiety*  
*Present position: Researcher, St. Boniface Research Centre Winnipeg, Manitoba*
- **Christine R. de Denus**, Ph.D., NSERC Scholar, 1993-1997  
*Thesis title: Controlled Molecular Design and Polymerization of Polyaromatic Ethers*  
*Present position: Associate Professor; Hobart and William Smith Colleges, Geneva, New York*
- **Waleed Boraie**, Ph.D., 1995-1997  
*Thesis title: The Role of Iron in Organic Synthesis*  
*Present position: Associate Professor; Ain Shams University, Cairo, Egypt*
- **Debbie Armstrong**, M.Sc., 1994-1996  
*Thesis title: Nucleophilic Addition to Oligomeric Arene Complex Cations*  
*Present position: Instructor, Department of Chemistry, University of Manitoba, Winnipeg, Manitoba*
- **Yun Lei**, M.Sc., 1993-1995  
*Thesis title: Synthesis of Alkyl Aryl Ethers, Thioethers and Sulfones*  
*Present position: Allied Signal, California*
- **Krystyna Lezynska**, M.Sc., 1991-1993  
*Thesis title: Organoiron in the Synthesis of Alkanoic Acids and Heterocyclic Precursors*  
*Present position: Instructor, Department of Chemistry, University of Manitoba, Winnipeg, Manitoba*
- **David C. Schriemer**, M.Sc., NSERC Scholar, 1991-1993  
*Thesis title: Aromatic Organo-Diiron Chemistry: Synthesis of Polyaromatic Ethers*  
*Present position: Associate Professor, Department of Biochemistry and Molecular Biology, Faculty of Medicine, University of Calgary*

## UNDERGRADUATE THESIS SUPERVISION

2010-2011	M. Cowper
2009-2010	E. Strohm, M. Vandel, C. Rock
2008-2009	J. Pilfold
2006-2007	D. Winram, S. Chohan
2005-2006	J. Martens
2004-2005	M. D. K. Copping, C. Czezowski
2003-2004	P. Shipman, N. Pereira
2002-2003	M. Salih
2001-2002	T. Wood, C. Corkery
2000-2001	J. DiMartino, J. Hurd
1999-2000	S. L. M <sup>c</sup> Farlane, B. Elmayergi
1998-1999	J. Fine
1997-1998	E. K. Todd, N. Gavel, L. J. May
1996-1997	K. Tran, A. Peters
1995-1996	S. Bernardin, S. Smith, A. White
1994-1995	D. Kolodka
1993-1994	J. Bzikot, D. Armstrong, A. Okonkwo, S. Kotowich
1992-1993	K. M. Epp, G. Fisher-Smith, P. Hazendonk
1991-1992	C. R. de Denus, S. Tesfalidet
1990-1991	L. Wilson

## RESEARCH FUNDING

2010-2115	NSERC Discovery Grant	\$ 150,000.00
2005-2010	NSERC Discovery Grant	\$ 225,000.00
2008-2009	NSERC-RTI	\$ 49,063.00
	Gel Permeation Chromatography (GPC) for Organometallic and Organic Polymer Analysis	
2007-2009	Participatory Action Research	\$ 49,905.00
2007-2011	UBCO Operating Grant	\$150,000.00
2007	NSERC-RTI	\$ 65,000.00
	Inert Atmosphere Glove Box (With Dr. Stephen McNeil and Dr. Kevin Smith)	
2006	UBCO Start-up Grant	\$ 30,000.00
2004-2005	Manitoba Hydro Research Grant (With Dr. K. Friesen)	\$ 43,200.00
2002-2004	Manitoba Hydro Research Grant	\$ 37,400.00
2001-2004	NSERC Discovery Grant	\$ 162,000.00
2003-2004	CFI - Innovation	\$ 7,453,251.00
	Manitoba Materials and Surface Characterization Facility (With Dr. Michael S. Freund, University of Manitoba)	
2003-2004	NSERC – Equipment Grant	\$ 151,183.00
	Western Canada Regional Mossbauer Spectrometer (With Dr. Daniel Leznoff, Simon Fraser University)	
2002-2003	Cronus Biopharma (With Dr. A. Ata)	\$ 54,000.00

2001-2003	Manitoba Hydro Research Grant (With Dr. K. Friesen)	\$ 38,430.00
2001-2002	NSERC Equipment Grant Gel Permeation Chromatography (GPC)	\$ 28,823.00
2001-2002	Western Economic Diversification (Equipment Grant)	\$ 369,000.00
2000-2001	Chloroparaffin Industry Association (With Dr. K. Friesen)	\$ 18,870.00
1999-2001	Manitoba Hydro Research Grant	\$ 22,800.00
1997-2001	NSERC Operating Grant	\$ 154,350.00
1999-2001	Chloroparaffin Industry Association (With Dr. K. Friesen)	\$ 18,000.00
1998-2001	Manitoba Hydro Research Grant	\$ 72,400.00
2000	Canadian Foundation for Innovation (With Dr. D. Goltz)	\$ 161,015.00
1998-1999	Career Focus, Manitoba Education and Training	\$ 4,000.00
1998-1999	TetrES Consulting Inc.	\$ 5,000.00
1997-1999	ACS-PRF Operating Grant	\$ 35,000.00
1997-1999	Manitoba Hydro Research Grant	\$ 21,000.00
1997-1998	NSERC Equipment Grant (With Dr. H. Perreault, University of Manitoba)	\$ 250,000.00
1997	Urban Green Team, Manitoba Education and Training	\$ 2,800.00
1995-1997	Egyptian Cultural and Educational Bureau	\$ 10,000.00
1995-1997	NSERC Operating Grant	\$ 64,528.00
1994-1997	Manitoba Hydro Research Grant	\$ 61,500.00
1996	University Partnerships in Cooperation and Development, Tier 2 Microfund Grant, Association of Universities and Colleges of Canada (With Dr. K. Friesen)	\$ 4,983.00
1996	Challenge 96, Employment Canada	\$ 1,400.00
1996	Urban Green Team, Manitoba Education and Training	\$ 4,200.00
1995-1996	Kuwait Foundation for the Advancement of Sciences	\$ 27,000.00
1994-1996	ACS-PRF Operating Grant	\$ 35,000.00
1995	The University of Winnipeg Travel Grant	\$ 1,169.00
1995	Urban Green Team, Manitoba Education and Training	\$ 4,500.00
1993-1995	NSERC Operating Grant	\$ 40,000.00
1994	Careerstart, Manitoba Education and Training	\$ 1,000.00
1994	Manitoba Hydro Equipment Grant	\$ 10,000.00
1994	Manitoba Hydro Research Grant	\$ 5,600.00
1994	NSERC Equipment Grant Electrochemical Equipment	\$ 13,484.00
1994	Careerstart 94, Manitoba Education and Training	\$ 1,800.00
1994	Challenge 94, Employment Canada	\$ 1,300.00
1993	The University of Winnipeg Travel Grant	\$ 1,465.00
1993	The University of Winnipeg Major Research Grant	\$ 5,000.00
1993	Challenge 93, Employment Canada	\$ 1,200.00
1993	Careerstart 93, Manitoba Education and Training	\$ 1,000.00
1992	The University of Winnipeg Major Research Grant	\$ 2,700.00
1992	Challenge 92, Employment Canada	\$ 1,500.00

1991	The University of Winnipeg Major Research Grant	\$ 5,000.00
1991	Challenge 91, Employment Canada	\$ 1,550.00
1991	Careerstart 91, Manitoba Education and Training	\$ 1,100.00
1990	The University of Winnipeg Start-up Grant	\$ 15,000.00

## PUBLICATIONS

1. A.S. Abd-El-Aziz, D.J. Winram and P.O. Shipman and L. Bichler. "Polynorbornenes Containing Ferrocene Derivatives and Alkyne-bis(tricarbonylcobalt)", *Macromol. Rapid Commun.*, **31**, 1992-1997 (2010)
2. A.S. Abd-El-Aziz, E.A. Strohm, M. Ding, R.M. Okasha, T.H. Afifi, S. Sezgin and P.R. Shipley. "Design of Star-Shaped Organoiron Oligomers with Azo Dye Bridges" *J. Inorg. Organomet. Polym. Mater.*, **20**, 592-603 (2010) (Invited)
3. A.M. Youssef, E.G. Neeland, E.B. Villanueva, M.S. White, I.M. El-Ashmawy, B. Patrick, A. Klegeris and Alaa S. Abd-El-Aziz. "Synthesis and Biological Evaluation of Novel Pyrazole Compounds", *bioorg. med. Chem.*, **18**, 5685-5696 (2010)
4. A.S. Abd-El-Aziz, P.O. Shipman, B.N. Boden and W.S. McNeil. "Synthetic Methodologies and Properties of Organometallic and Coordination Macromolecules", *Prog. Polym. Sci.*, **35**, 714-836 (2010) (Invited)
5. A.S. Abd-El-Aziz, P.O. Shipman, J.L. Pilfold and P. R. Shipley. "Synthesis of Upper Rim Functionalized Calixarene-Based Poly(norbornenes)", *Macromol. Chem. Phys.*, **211**, 996-1002 (2010)
6. A.S. Abd-El-Aziz, P.O. Shipman and P.R. Shipley. "Design of Organoiron Macromolecules based on Upper Rim Functionalized Calix[4]arene", *Macromol. Rapid Commun.*, **31**, 459-466 (2010)
7. K.M. Smith, W.S. McNeil, A.S. Abd-El-Aziz. "Organometallic-Mediated Radical Polymerization: Developing Well-Defined Complexes for Reversible Transition Metal-Alkyl Bond Homolysis", *Macromol. Chem. Phys.*, **210**, 10-16 (2010)
8. A.S. Abd-El-Aziz, P.O. Shipman, P.R. Shipley, B.N. Boden, S. Aly and P.D. Harvey. "Homo- and Co-Polymers of Norbornene containing Aryl- and Hetaryl-Azo Dyes; Synthesis and Sensing Properties", *Macromol. Chem. Phys.*, **210**, 2099-2106 (2009)
9. E. Otero, P.O. Shipman, A.S. Abd-El-Aziz and S.G. Urquhart. "Substituent Effects in the Iron 2p and Carbon 1s edge Near-Edge X-ray Absorption Fine Structure (NEXAFS) Spectroscopy of Metal Arene Complexes and Polymers", *Organometallics* **28**, 2160-2172 (2009)
10. S. Clément, S.M. Aly, J. Husson, D. Fortin, M. Knorr, L. Guyard, A.S. Abd-El-Aziz and P. D. Harvey. "A-frame Containing Organometallic Oligomers Constructed From Homo-and

Heterobimetallic  $M(\mu\text{-dppm})_2M'$  ( $M/M' = \text{Pd, Pt}$ ) Building Blocks”, *Eur. J. Inorg. Chem.*, **111**, 2536-2546 (2009)

11. M. Knorr, F. Guyon, A. Khatyr, C. Strohmann, S.M. Aly, A.S. Abd-El-Aziz, D. Fortin and P.D. Harvey. “Rigidity effect of the dithioether spacer on the size of the luminescent cluster  $(\text{Cu}_2\text{I}_2)_n$  ( $n = 2, 3$ ) in their coordination polymers+”, *J. Chem. Soc., Dalton Trans.*, 948-955, (2009)
12. K. Gagnon, S.M. Aly, D. Fortin, A.S. Abd-El-Aziz and P.D. Harvey. “The First Organometallic Version of Polyaniline in its Emaraldine Form”, *J. Inorg. Organomet. Polym. Mater.*, **19**, 28-34 (2009) (Invited)
13. D.Bellows, É. Gingras, S.M. Aly, A.S. Abd-El-Aziz, M. Leclerc and P. D. Harvey. “Organometallic and Conjugated Organic Polymers Held Together by Strong Electrostatic Interactions to Form Luminescent Hybrid Materials”, *Inorg. Chem.*, **46**, 11720-11733 (2008)
14. E. Otero, P.O. Shipman, A.S. Abd-El-Aziz and S.G. Urquhart. “Near-Edge X-ray Absorption Fine Structure (NEXAFS) Spectroscopy Study of the Photolytic Process in Poly(phenyl thioether) with Pendant Iron Moieties”, *Macromolecules*, **41**, 9532-9541 (2008)
15. S. Clément, S.M. Aly, D. Fortin, L. Guyard, M. Knorr, A.S. Abd-El-Aziz and P.D. Harvey. "Probing the Electronic Communication of the Isocyanide Bridge Through the Luminescence Properties of the  $d^9\text{-}d^9$   $[\text{ClPt}(\mu\text{-dppm})_2\text{Pt}(\text{C}=\text{N}\text{-PCP})]^+$  and A-Frame  $[\text{ClPd}(\mu\text{-dppm})_2(\mu\text{-C}=\text{N}\text{-PCP})\text{PdCl}]$  Complexes (PCP = [2.2]-paracyclo-phane)", *Inorganic Chemistry*, **47**, 10816-10824 (2008)
16. S. M. Aly, C.-L. Ho, D. Fortin, W.-Y. Wong, A.S. Abd-El-Aziz and P.D. Harvey. “Intrachain Electron and Energy Transfers in Conjugated Organometallic Oligomers and Polymers”, *Chem. Eur. J.*, **14**, 8341-8352 (2008)
17. S.M. Aly, C. Ayed, C. Stern, R. Guilard, A.S. Abd-El-Aziz and P.D. Harvey. “Triplet Energy Transfers in Electrostatic Host-Guest Assemblies of Unsaturated Organometallic Cluster Cations and Carboxylate-Containing Porphyrin Pigments”, *Inorganic Chemistry*, **47**, 9930-9940 (2008)
18. K. Gagnon, J.-F. Bérubé, D. Bellows, L. Caron, S.M. Aly, A. Wittmeyer, A.S. Abd-El-Aziz, D. Fortin and P.D. Harvey. “Conjugated Polymers of Platinum(II)-Bis(ethynylphenyl)quinone Diimine”, *Organometallics*, **27**, 2201-2214 (2008)
19. A.S. Abd-El-Aziz, P.O. Shipman, E.G. Neeland, T.C. Corkery, S. Mohammed, P.D. Harvey, H.M. Mohamed, A.H. Bedair, A.M. El-Agrody, P.M. Aguiar and S. Kroeker. “Benzo[f]- and Benzo[h]Coumarin-Containing Polymethylmethacrylates and Polymethylmethacrylates with Pendant Coumarin-Containing Azo Dyes”, *Macromol. Chem. Phys.*, **208**, 84-103 (2008)
20. S. Clément, S. M. Aly, K. Gagnon, A.S. Abd-El-Aziz, M. Knorr and P.D. Harvey. “The First A-Frame-Containing Organometallic Polymer; Taking Advantage of the Site Selectivity in PdPt-Mixed Metal Bimetallics”, *J. Inorg. Organomet. Polym. Mater.*, **18**, 104-110 (2008), (Invited)
21. A.S. Abd-El-Aziz, H.M. Mohamed, S. Mohammed, S. Zahid, A. Ata, A.H. Bedair, A.M. El-Agrody and P.D. Harvey. “Synthesis of Novel Coumarin and Benzocoumarin Derivatives and their Biological and Photophysical Studies”, *J. Heterocyclic Chem.*, **44**, 1287-1301 (2007)

22. A. S. Abd -El-Aziz, N. M. Pereira, D. J. Winram, P. Sidhu and S. Kroeker. "Synthesis and Polymerization of a Four-Arm Star with Pendent Cyclopentadienyliron Moieties", *J. Inorg. Organomet. Polym. Mater.*, **17**, 275-282 (2007)
23. C.P. Gros, S. M. Aly, M. El Ojaimi, J.-M. Barbe, F. Brisach, A. S. Abd-El-Aziz, R. Guillard and P.D. Harvey. "Through space singlet-singlet and triplet-triplet energy transfers in cofacial bisporphyrins held by the carbazoyl spacer", *Journal of Porphyrins and Phthalocyanines*, **11**, 244-257, (2007)
24. A.S. Abd-El-Aziz, B. Elmayergi, B. Asher, T.H. Afifi and K.J. Friesen. "Photolytic Discoloration of Azo Dye Incorporated Organoiron Polymer Using Iron Cations", *Inorg. Chim. Acta.*, **359**, 3007–3013 (2006), (Invited)
25. A.S. Abd-El-Aziz, R. M. Okasha, L.J. May and J. Hurd. "Ring Opening Metathesis Polymerization of Functionalized Organoiron Norbornenes", *J. Polym. Sci., Part A: Polym. Chem.*, **44**, 3053-3070 (2006)
26. A.M. Youssef, H.M. Mohamed, C. Czezowski, A. Ata and A.S. Abd-El-Aziz. "Synthesis and Biological Evaluation Of Benzothiazole Derivatives Of Pyrimidines, Acrylonitriles, and Coumarins", *Heterocycles*, **68**, 347-355 (2006)
27. A.S. Abd-El-Aziz and T.H. Afifi. "Novel Azo Disperse Dyes Derived from Aminothiophenes: Synthesis and UV-visible Studies", *Dyes and Pigments*, **70**, 8-17 (2006)
28. I. Yu, B.A. Deore, C.L. Recksiedler, T.C. Corkery, A.S. Abd-El-Aziz and M.S. Freund. "Thermal Stability of High Molecular Weight Self-Doped Poly(anilineboronic acid)", *Macromolecules*, **38**,10022-10026 (2005)
29. A.S. Abd-El-Aziz, E.K. Todd, R.M. Okasha, P.O. Shipman and T.E. Wood. "Macromolecules Containing Redox-active Neutral and Cationic Iron Complexes", *Macromolecules*, **38**, 9411-9419 (2005)
30. A.S. Abd-El-Aziz, S.A. Carruthers, P.M. Aguiar and S. Kroeker. "Hyperbranched Polymers Containing Cyclopentadienyliron Complexes", *J. Inorg. Organomet. Polym. Mat.*, **15**, 349-359 (2005)
31. A.S. Abd-El-Aziz and I. Manners. "Neutral and Cationic Macromolecules based on Iron Sandwich Complexes", *J. Inorg. Organomet. Polym. Mat.*, **15**, 157-195 (2005)
32. A.S. Abd-El-Aziz, S.A. Carruthers, E.K. Todd, T.H. Afifi and J.M.A. Gavina. "Cationic Organoiron Polyelectrolyte Three-arm Stars", *J. Polym. Sci., Part A: Polym. Chem.*, **43**, 1382-1396 (2005)
33. A.S. Abd-El-Aziz, E.K. Todd and P.O. Shipman. "Macromolecules Containing Pendent Cationic Cyclopentadienyliron Moieties", *Polymer News*, (Invited), **30**, 202-212 (2005)
34. A.S. Abd-El-Aziz, N.M. Pereira, W. Boraie, E.K. Todd, T.H. Afifi, W.R. Budakowski and K.J. Friesen. "Synthesis and Polymerization of Cationic Bis(cyclopentadienyliron)arene Complexes Containing Arylazo Dyes", *J. Inorg. Organomet. Polym. Mat.*, **15**, 497-509 (2005)

35. A.S. Abd-El-Aziz and E.K. Todd. "Soluble Polymethacrylates and Polystyrenes Containing Cationic Cyclopentadienyliron Moieties", *Macromol. Chem. Phys.*, **205**, 418-429 (2004)
36. A.S. Abd-El-Aziz, A.M. El-Agrody, A.H. Bedair, T.C. Corkery and A. Ata. "Synthesis Of Hydroxyquinoline Derivatives, Aminohydroxychromene, Aminocoumarin And Their Antibacterial Activities", *Heterocycles*, **63**, 1793-1812 (2004)
37. A.S. Abd-El-Aziz, R.M. Okasha, P.O. Shipman and T.H. Afifi. "Neutral and Cationic Cyclopentadienyliron Macromolecules Containing Arylazo Chromophores", *Macromol. Rapid Commun.*, **25**, 1497-1503 (2004)
38. A.S. Abd-El-Aziz, R.M. Okasha and T.H. Afifi. "First Example of Benzothiazole Azo Dyes Containing Cyclopentadienyliron Polynorbornene Macromolecules", *J. Inorg. Organomet. Polym.*, **14**, 269-278 (2004)
39. A.S. Abd-El-Aziz and E.K. Todd. "Soluble Polymethacrylates and Polystyrenes Containing Cationic Cyclopentadienyliron Moieties", *Macromol. Chem. Phys.*, 205 (2004)
40. A.S. Abd-El-Aziz, R.M. Okasha, E.K. Todd, T.H. Afifi, P.O. Shipman and K.M.D. Copping. "Synthesis of Iron-containing Polymers with Azo Dyes in the Backbones or Side Chains", *Macromol. Symp.*, 197 (2004)
41. A.S. Abd-El-Aziz, N.M. Pereira, W. Boraie, S.L. McFarlane and E.K. Todd. "Synthesis of Sulfone-containing Monomers and Polymers Using Cationic Cyclopentadienyliron Complexes", *Macromol. Symp.*, 197 (2004)
42. A.S. Abd-El-Aziz, R.M. Okasha and T.H. Afifi. "Organoiron Polynorbornenes with Pendent Arylazo and Hetarylazo Dye Moieties", *Macromol. Symp.*, 197 (2004)
43. A.S. Abd-El-Aziz. "Organometallic Oligomers and Polymers", in: *Encyclopedia of Supermolecular Chemistry*, J. Atwood and J. Steed, Eds., Marcel Dekker, Inc., New York, 1014-1022 (2004) (Invited)
44. A.S. Abd-El-Aziz and E.K. Todd. "Organoiron Polymers", *Coord. Chem. Rev.*, **264**, 3-52 (2004) (Invited)
45. K.J. Friesen, T.M. El-Morsi and A.S. Abd-El-Aziz. "Photochemical Oxidation of Short-Chain Polychlorinated *n*-Alkane Mixtures using H<sub>2</sub>O<sub>2</sub>/UV and the Photo-Fenton Reaction", *Int. J. Photoenergy*, **6**, 81-88 (2004)
46. A.S. Abd-El-Aziz, T.C. Corkery, E.K. Todd, T.H. Afifi and G.Z. Ma. "Organoiron Polyelectrolytes: Synthesis and Characterization of Cationic Cyclopentadienyliron Complexes of Polyarylether-imines", *J. Inorg. Organomet. Polym.*, **13**(3), 113-130 (2003)
47. A.S. Abd-El-Aziz, E.K. Todd, R.M. Okasha, T.H. Afifi and M. Salih. "Organoiron Polymers Containing Azo Dyes", *Macromol. Symp.*, **196**, 89-99 (2003)
48. A.S. Abd-El-Aziz, E.K. Todd and R.M. Okasha. "Polyethers and Thioethers Incorporating Neutral and Cationic Organoiron Complexes", *Macromol. Symp.*, **196**, 77-87 (2003)

49. C.R. de Denus, P. Baker, J. Toner, S. McKevitt, E.K. Todd and A.S. Abd-El-Aziz. "Electrochemical Investigations of Oligomers and Polymers Containing Ruthenium and Iron Arene Complexes", *Macromol. Symp.*, **196**, 113-123 (2003)
50. A.S. Abd-El-Aziz, R.M. Okasha, T.H. Afifi and E.K. Todd. "A New Class of Cationic Organoiron Polynorbornenes Containing Azo Dyes", *Macromol. Chem. Phys.*, **204**, 555-563 (2003)
51. A.S. Abd-El-Aziz. "Organometallic Polymers of the Transition Metals", *Macromol. Rapid Commun.*, **23**, 995-1031 (2002) (Invited)
52. A.S. Abd-El-Aziz, T.H. Afifi, W.R. Budakowski, K.J. Friesen and E.K. Todd. "The First Example of Cationic Iron-Coordinated Polyaromatic Ethers and Thioethers with Azo Dye-Functionalized Side Chains", *Macromolecules*, **35**, 8929-8932 (2002)
53. A.S. Abd-El-Aziz, E.K. Todd, R.M. Okasha and T.E. Wood. "Novel Approach to Oligomers and Polymers Containing Neutral and Cationic Iron Moieties Within and Pendent to their Backbones" *Macromol. Rapid Commun.*, **23**, 743-748 (2002)
54. A.S. Abd-El-Aziz. "Metal-Containing Polymers", in: *Encyclopedia of Polymer Science and Technology*, 3<sup>rd</sup> Edition, J.I. Kroschwitz, Ed., John Wiley & Sons, New York, 2002 (Invited)
55. A.S. Abd-El-Aziz. "Monomers, Oligomers and Polymers Containing Arenes With Pendent Transition Metal Moieties", *Coord. Chem. Rev.*, 233-234, 177-191 (2002) (Invited)
56. A.S. Abd-El-Aziz, E.K. Todd and T. Afifi. "Aromatic Ether Star Oligomers Coordinated to Redox-active Cyclopentadienyliron Moieties" *Macromol. Rapid Commun.*, **23**, 113-118 (2002)
57. S.A. Sadek, S. Ebraheem, T. El-Morsi, K.J. Friesen and A.S. Abd-El-Aziz. "Photodegradation of 1,12-Dichlorododecane in Aquatic Media With a Xenon Light Source", *Int. J. Sci. Technol.*, **13**, 45-50 (2002)
58. T.M. El-Morsi, A.S. Abd-El-Aziz, H.M. Abdelbary, M.M. Emara and K.J. Friesen. "Homogenous Degradation of 1,2,9,10-Tetrachlorododecane in Aqueous Solutions using Hydrogen Peroxide, Iron and UV Light", *Chemosphere*, **47**, 343-348 (2002)
59. A.S.I. Ahmed and A.S. Abd-El-Aziz. "Influence of Aqueous Oxalic Acid Solutions on the Anodic Polarization of Molybdenum", *Al-Azhar Bull. Sci.*, **13**, 147-157 (2002)
60. A.S.I. Ahmed and A.S. Abd-El-Aziz. "The Electrochemical Formation and Dissolution of Tungsten Oxide in Sulphuric Acid Solutions", *Al-Azhar Bull. Sci.*, **13**, 63-73 (2002)
61. A.S. Abd-El-Aziz, E.K. Todd and G.Z. Ma. "Design of Polyethers, Thioethers and Amines with Pendent Iron Moieties", *J. Polym. Sci., Part A: Polym. Chem.*, **39**, 1216-1231 (2001)
62. A.S. Abd-El-Aziz, L.J. May, J.A. Hurd and R.M. Okasha. "The First Example of Ring-opening Metathesis Polymerization of Substituted Norbornenes Containing Cationic iron Moieties", *J. Polym. Sci., Part A: Polym. Chem.*, **39**, 2716-2722 (2001)

63. A.S. Abd-El-Aziz and E.K. Todd. "Organometallic Polymers of Arenes Coordinated to Transition Metals", *Polymer News*, **26**, 5-13 (2001) (Invited)
64. A.S. Abd-El-Aziz, C.R. de Denus, E.K. Todd and S.A. Bernardin. "Design of Polyaromatic Ethers Using Cyclopentadienyliron Complexes", *Macromolecules*, **33**, 5000-5005 (2000)
65. A.S. Abd-El-Aziz, L. May and A.L. Edel. "A Novel Approach to the Synthesis of Polynorbornenes with Flexible Aliphatic Side-Chains", *Macromol. Rapid Commun.*, **21**, 598-602 (2000)
66. A.S. Abd-El-Aziz, E.K. Todd, G.Z. Ma and J. DiMartino. "Polymerization of Methacrylates Containing Cationic Cyclopentadienyliron Moieties", *J. Inorg. Organomet. Polym.*, **10**, 265-272 (2000)
67. C.R. de Denus, L.M. Hoffa, E.K. Todd and A.S. Abd-El-Aziz. "Synthesis of Oligomeric and Polymeric Ethers Containing the Cp\* $\text{Ru}^+$  and Cp $\text{Fe}^+$  Metal Moieties", *J. Inorg. Organomet. Polym.*, **10**, 189-208 (2000)
68. A.S. Abd-El-Aziz and S. Bernardin. "Synthesis and Reactivity of Arenes Coordinated to Cyclopentadienyliron Cations", *Coord. Chem. Rev.*, **203**, 219-267 (2000) (Invited)
69. T.M. El Morsi, W.R. Budakowski, A.S. Abd-El-Aziz and K.J. Friesen. "Photocatalytic Degradation of 1, 10-Dichlorodecane in Aqueous Suspensions of  $\text{TiO}_2$ : Degradation Pathway and Significance of Adsorption", *Environ. Sci. Technol.*, **34**, 1018-1022 (2000)
70. A.S.I. Ahmed, K.J. Friesen and A.S. Abd-El-Aziz. "Anodic Oxidation of Titanium in Hydrochloric Acid Solutions Containing Organic Media", *Int. J. Sci. Technol.*, **12**, 5-16 (2000)
71. A.S.I. Ahmed, K.J. Friesen and A.S. Abd-El-Aziz. "Comparative Study of the Electrochemical Behaviour of Titanium Electrodes in Hydrochloric Acid, Sodium Chloride and Trichloroacetic Acid Solutions", *Int. J. Sci. Technol.*, **12**, 17-27 (2000)
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13. A.S. Abd-El-Aziz, P.O. Shipman, P.R. Shipley, B.N. Boden, A.A. Joraid, S.N. Alamri, A.A. Abu-Sehly, S.Y. Al-Raqa, S. Aly, P.D. Harvey. "Design Of H<sup>+</sup> Sensing Azo Dye Containing Polynorbornene(s)", *The Taibah International Chemistry Conference*, Madinah, Saudi Arabia, March 2009
14. A.S. Abd-El-Aziz, E. Neeland, A. Youssef and A. Klegeris. "Synthesis and Biological Evaluation of Novel Pyrazolo[3,4-d]pyrimidines as Anti-inflammatory Agents", *Erlich II Conference*, Nürnberg, Germany, October 2008
15. A.S. Abd-El-Aziz, P.O. Shipman, D.J. Winram, R.M. Okasha, S.K. Chohan and M.J. Young. "Design And Characterization Of Macromolecules Containing Redox Active Iron Centers", *41<sup>st</sup> IUPAC World Chemistry Congress*, Torino, Italy, August 2007

16. A.S. Abd-El-Aziz, P.O. Shipman and D.J. Winram. "Highly Colored Organometallic Thermoplastics: Polymers Incorporating Azo Dyes", *234<sup>th</sup> American Chemical Society National Meeting*, Boston, Massachusetts, September 2007
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18. A.S. Abd-El-Aziz, S.A.C. Vakili, S. Kroeker. "Novel Coordination Compounds Based on Water Soluble Cysteine-Containing Organoiron Complexes", *90<sup>th</sup> Canadian Chemistry Conference and Exhibition*, Winnipeg, Manitoba, May 2007
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29. A.S. Abd-El-Aziz, P.O. Shipman, R.M. Okasha, K.M.D. Copping and T. Afifi. "Ferrocene-based Polymers Containing Azo Groups in their Backbone: Synthesis, Electrochemical and Thermal Analysis", *230<sup>th</sup> American Chemical Society National Meeting*, Washington, D.C., August 2005
30. A.S. Abd-El-Aziz, C.E. Carraher, Jr., C.U. Pittman, Jr., M. Zeldin and J.E. Sheats. "Metal-Containing Polymers", *230<sup>th</sup> American Chemical Society National Meeting*, Washington, D.C., August 2005
31. A.S. Abd-El-Aziz. "Organoiron Polymers Incorporating Arylazo or Hetarylazo Dyes in or Pendant to their Backbone", *88<sup>th</sup> Canadian Chemistry Conference and Exhibition*, Saskatoon, Saskatchewan, May 2005
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*Conference and Exhibition, London, Ontario, May 2004*

41. A.S. Abd-El-Aziz, N.M. Pereira, W. Boraie, S.L. McFarlane and E.K. Todd. "Synthesis of Sulfone-containing Monomers and Polymers Using Cationic Cyclopentadienyliron Complexes", *87<sup>th</sup> Canadian Chemistry Conference and Exhibition, London, Ontario, May 2004*
42. A.S. Abd-El-Aziz, R.M. Okasha and T.H. Afifi. "Organoiron Polynorbornenes with Pendent Arylazo and Hetarylazo Dye Moieties", *87<sup>th</sup> Canadian Chemistry Conference and Exhibition, London, Ontario, May 2004*
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51. A.S. Abd-El-Aziz. "Photolytic Demetallation of Metal-Coordinated Polymers", *7<sup>th</sup> International Conference on Solar Energy and Applied Photochemistry, Luxor, Egypt, February 2003*
52. A.S. Abd-El-Aziz, E.K. Todd and R.M. Okasha. "Synthesis and Characterization of Methacrylate, Styrene and Norbornene Polymers Containing Organoiron-Side Chains", *IUPAC World Polymer Congress, 39<sup>th</sup> International Symposium on Macromolecules, Beijing, China, July 2002*

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56. A.S. Abd-El-Aziz and E.K. Todd. "Radical Polymerization of Methacrylate and Styrene Functionalized Polyaromatic Ethers Coordinated to Cyclopentadienyliron Cations", *223<sup>rd</sup> American Chemical Society National Meeting*, Orlando, Florida, April 2002
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61. A.S. Abd-El-Aziz, E.K. Todd and T. Afifi. "Synthesis and Electrochemical Studies of Cationic Organoiron Dendrimers", *222<sup>nd</sup> American Chemical Society National Meeting*, Chicago, Illinois, August 2001
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63. A.S. Abd-El-Aziz, L.J. May and J.A. Hurd. "Preparation of Novel Polynorbornenes with Pendent Cationic Iron Moieties", *84<sup>th</sup> Canadian Society for Chemistry Conference and Exhibition*, Montreal, Québec, May 2001
64. A.S. Abd-El-Aziz, E.K. Todd and J. DiMartino, "Synthesis of Functionalized Polymethacrylates and Polystyrenes Coordinated to Cationic Cyclopentadienyliron Moieties", *84<sup>th</sup> Canadian Society for Chemistry Conference and Exhibition*, Montreal, Québec, May 2001

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66. A.S. Abd-El-Aziz, R. Okasha E.K. Todd and T.E. Wood. "Synthesis and Electrochemistry of Neutral and Cationic Cyclopentadienyliron Complexes", *84<sup>th</sup> Canadian Society for Chemistry Conference and Exhibition*, Montreal, Québec, May 2001
67. A.S. Abd-El-Aziz, L.J. May and W.R. Budakowski. "Controlled Molecular Design of Norbornene Monomers", *46<sup>th</sup> International Conference on Analytical Sciences and Spectroscopy*, Winnipeg, Manitoba, August 2000
68. A.S. Abd-El-Aziz, S.L. M<sup>c</sup>Farlane and E.K. Todd. "Synthesis and Characterization of Poly(aromatic ethers)", *46<sup>th</sup> International Conference on Analytical Sciences and Spectroscopy*, Winnipeg, Manitoba, August 2000
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74. A.S. Abd-El-Aziz, S.M. M<sup>c</sup>Farlane and E.K. Todd. "Polycondensation of Aromatic Ethers", *83<sup>rd</sup> Canadian Society for Chemistry Conference and Exhibition*, Calgary, Alberta, May 2000
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81. S.A. Sadek, S. Ebraheem, T.M. El-Morsi, A.S. Abd-El-Aziz and K.J. Friesen. "Photocatalytic Degradation of Chlorinated n-alkanes in Aqueous Media", 24<sup>th</sup> *International Conference on Science and Technology*, Washington, D.C., October 1999
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84. A.S. Abd-El-Aziz, L.J. May and A.L. Edel, "Synthesis of Polynorbornene with Aliphatic and Aromatic Side-Chains", 218<sup>th</sup> *American Chemical Society National Meeting*, New Orleans, Louisiana, August 1999
85. A.S. Abd-El-Aziz and L.J. May. "Polymerization of Functionalized Norbornene Monomers", 82<sup>nd</sup> *Canadian Society for Chemistry Conference and Exhibition*, Toronto, Ontario, May 1999 (best graduate student presentation, Leslie May)
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88. A.S. Abd-El-Aziz, K.M. Epp, E.K. Todd and L.J. May. "Polyethers and Polythioethers With and Without Pendent Metallic Moieties", 81<sup>st</sup> *Canadian Society for Chemistry Conference and Exhibition*, Whistler, British Columbia, May 1998

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92. A. S. Abd-El-Aziz and C.R. de Denus. "Cyclic and Open Chain Polyethers", *80<sup>th</sup> Canadian Society for Chemistry Conference and Exhibition*, Windsor, Ontario, June 1997
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94. A.S. Abd-El-Aziz, C.R. de Denus, K.M. Epp, K. Tran and A. White, "The Use of Organoiron in Polymer Synthesis", *31<sup>st</sup> International Conference on Coordination Chemistry*, Vancouver, British Columbia, August 1996
95. K.M. Epp, A. White and A.S. Abd-El-Aziz. "Ring-Opening Polymerization of Substituted Norbornene", *31<sup>st</sup> International Conference on Coordination Chemistry*, Vancouver, British Columbia, August 1996
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97. N.A. Al-Salem, W. Boraie and A.S. Abd-El-Aziz. "Synthesis and Reactivity of Amino- and Nitro-Arene Cyclopentadienyliron Complexes", *31<sup>st</sup> International Conference on Coordination Chemistry*, Vancouver, British Columbia, August 1996
98. A.S. Abd-El-Aziz, C.R. de Denus, K.M. Epp and S. Smith, "Electrochemical Studies of Mono- and Polyiron Arene Complexes", *International Chemical Congress of Pacific Basin Societies*, Honolulu, Hawaii, December 1995
99. A.S. Abd-El-Aziz, C.R. de Denus, A. A. Dembek and P. J. Fagan. "Hetero-Polymetallic Arene Complexes: Synthesis and Characterization", *78<sup>th</sup> Canadian Society for Chemistry Conference and Exhibition*, Guelph, Ontario, May 1995
100. A.S. Abd-El-Aziz, K.M. Epp and N.A. Al-Salem. "Alternative Approach to the Synthesis of Alkanoic Acid Esters", *78<sup>th</sup> Canadian Society for Chemistry Conference and Exhibition*, Guelph, Ontario, May 1995
101. A.S. Abd-El-Aziz, C.R. de Denus and K.M. Epp. "Controlled Molecular Design of Oligomeric and Polymeric Arenes with Pendent Metal Moieties", *78<sup>th</sup> Canadian Society for Chemistry Conference and Exhibition*, Guelph, Ontario, May 1995

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103. A.S. Abd-El-Aziz and C.R. de Denus. "Controlled Molecular Design of Oligomeric Organoiron Arenes", *30<sup>th</sup> International Conference on Coordination Chemistry*, Kyoto, Japan, July 1994
104. A.S. Abd-El-Aziz, K.M. Epp, Y. Lei and S. Kotowich. "Generation of Aromatic and Aliphatic Thioethers Through Photolytic Demetallation of Their Corresponding Diiron Complexes", *77<sup>th</sup> Canadian Society for Chemistry Conference and Exhibition*, Winnipeg, Manitoba, May 1994
105. A.S. Abd-El-Aziz and K.M. Epp. "Synthesis and Characterization of Bis(cyclo-pentadienyliron) Arene Dications with Sulfide and Amine Bridges", *77<sup>th</sup> Canadian Society for Chemistry Conference and Exhibition*, Winnipeg, Manitoba, May 1994
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109. A.S. Abd-El-Aziz and J. Bzikot. "Di- and Tetrairon Arene Complexes Containing Naphthalene Bridges", *Canadian Society for Chemistry Conference and Exhibition*, Winnipeg, Manitoba, May 1994
110. A.S. Abd-El-Aziz, A. Okonkwo and H.M. Hutton. "NMR Studies of Substituted  $\eta^6, \eta^6$ -Arene- $\eta^5, \eta^5$ -Dicyclopentadienyliron Dications", *77<sup>th</sup> Canadian Society for Chemistry Conference and Exhibition*, Winnipeg, Manitoba, May 1994
111. H.M. Hutton, D. Armstrong, K.M. Epp and A.S. Abd-El-Aziz. "NMR Analyses of Product Distributions Resulting From Hydride Additions to Bis(cyclopentadienyliron) Arene Complexes", *77<sup>th</sup> Canadian Society for Chemistry Conference and Exhibition*, Winnipeg, Manitoba, May 1994
112. H.M. Hutton, K.M. Epp, D. Armstrong and A.S. Abd-El-Aziz. "NMR Investigation of the Hydride Addition Products of Bis(cyclopentadienyliron) Complexes of Aromatic Ethers and Thioethers", *35<sup>th</sup> Experimental Nuclear Magnetic Resonance Conference*, Anaheim, California, April 1994
113. A.S. Abd-El-Aziz and C.R. de Denus. "A Synthetic Approach to Polymeric Complexes", *207<sup>th</sup> American Chemical Society National Meeting*, San Diego, California, March 1994
114. A.S. Abd-El-Aziz and K.M. Epp. "Synthesis and Characterization of Some New Di(Cyclopentadienyliron) Complexes of Aromatic Amines", *206<sup>th</sup> American Chemical Society National Meeting*, Chicago, Illinois, August 1993

115. A.S. Abd-El-Aziz, D. Schriemer and C.R. de Denus. "Iron Complexes in the Synthesis of Aromatic Polyethers", *33<sup>rd</sup> National Organic Chemistry Symposium*, Bozeman, Montana, June 1993
116. A.S. Abd-El-Aziz, P. Hazendonk and H.M. Hutton. "NMR Studies of Some Arene Complexes of Cyclopentadienyliron Cations", *33<sup>rd</sup> National Organic Chemistry Symposium*, Bozeman, Montana, June 1993
117. A.S. Abd-El-Aziz, D. Schriemer, G. Fisher-Smith and K.M. Epp. "Synthesis and Electrochemical Studies of Some Arene-Diiron Complexes", *76<sup>th</sup> Canadian Society for Chemistry Conference and Exhibition*, Sherbrooke, Québec, May 1993
118. A.S. Abd-El-Aziz, D. Schriemer and C.R. de Denus. "Synthetic Routes to Functionalized Aromatic Ethers and Thioethers Using Arene-Diiron Complexes", *76<sup>th</sup> Canadian Society for Chemistry Conference and Exhibition*, Sherbrooke, Québec, May 1993
119. A.S. Abd-El-Aziz, C.R. de Denus, K. Lezynska and D. Schriemer. "Photochemical Liberation of Some Important Organic Compounds From Their Iron Complexes", *The Second International Conference of Solar Energy Storage and Applied Photochemistry*, Cairo, Egypt, January 1993
120. H.A. Nasr-El-Din, D. Schriemer and A.S. Abd-El-Aziz. "Flow Behavior of an Anionic Surfactant", *The Canadian Society for Chemical Engineering Conference*, Toronto, Ontario, October 1992
121. A.S. Abd-El-Aziz and C.R. de Denus. "The Use of Organo-iron Complexes in the Synthesis of Substituted Arylated Cyanoacetates", *29<sup>th</sup> International Conference on Coordination Chemistry*, Lausanne, Switzerland, July 1992
122. A.S. Abd-El-Aziz and A.S. Baranski. "Electrochemical Studies of Some Ironcyclopentadienyl Complexes of Polycyclic and Heterocyclic Arenes", *75<sup>th</sup> Canadian Society for Chemistry Conference and Exhibition*, Edmonton, Alberta, May 1992
123. A.S. Abd-El-Aziz and D. Schriemer. "Synthesis and Characterization of Some  $\eta^6, \eta^6$ -Arene-di- $\eta^5$ -cyclopentadienyliron Complexes", *75<sup>th</sup> Canadian Society for Chemistry Conference and Exhibition*, Edmonton, Alberta, May 1992
124. A.S. Abd-El-Aziz and C.R. de Denus. "Studies in  $S_NAr$  Reactions of Chlorobenzenes Complexed to Ironcyclopentadienyl Moiety with Cyanoacetates", *75<sup>th</sup> Canadian Society for Chemistry Conference and Exhibition*, Edmonton, Alberta, May 1992
125. M. Lautens, A. S. Abd-El-Aziz and A.C. Smith. "Cuprate/Lithium Induced Ring Opening Reactions of Oxabicyclic Compounds", *8<sup>th</sup> IUPAC Conference on Organic Synthesis*, Helsinki, Finland, July 1990
126. M. Lautens, A.S. Abd-El-Aziz and G. Schmidt. "Preparation, Properties and Reactivities of Polymers and Copolymers of Deltacyclene", *73<sup>rd</sup> Canadian Society for Chemistry Conference and Exhibition*, Halifax, Nova Scotia, July 1990

127. M. Lautens, A.S. Abd-El-Aziz, G. Schmidt and J. Reibel. "Synthesis and Reactivity of Polymers from Deltacyclene via Ring Opening Metathesis", *33<sup>rd</sup> IUPAC International Symposium on Macromolecules*, Montreal, Québec, July 1990
128. M. Lautens, A.S. Abd-El-Aziz and G. Schmidt. "Preparation of Polydeltacyclene via Ring Opening Metathesis and Polymer Reactivity", *American Chemical Society National Meeting*, Boston, Massachusetts, April 1990
129. M. Lautens, A.S. Abd-El-Aziz and J. Reibel. "Ring Opening Metathesis Polymerization of Deltacyclenes Using Metal Catalyst", *8<sup>th</sup> International Symposium on Olefin Metathesis Polymerization*, University of Bayreuth, Germany (FRG), September 1989
130. M. Lautens, A.S. Abd-El-Aziz and J. Reibel. "Polymerization of Deltacyclene via Ring Opening Methathesis", *25<sup>th</sup> Canadian High Polymer Forum*, Mississauga, Ontario, August 1989
131. A.S. Abd-El-Aziz, A.S. Baranski and R.G. Sutherland. "The Effect of Solvent and Temperature on the Electrochemical Reduction of  $\eta^6$ -(9,10-Dihydroanthracene)- $\eta^5$ -cyclopentadienyliron Hexafluorophosphate", *72<sup>nd</sup> Canadian Society for Chemistry Conference and Exhibition*, Victoria, British Columbia, June 1989
132. R.G. Sutherland, A.S. Abd-El-Aziz, A.S. Baranski, A. Piorko, A.J. Bard and R.Q. Bligh. "Electrochemical Study of the Mono- and Dications of  $\eta^6$ -Heterocycle- $\eta^5$ -Cyclopentadienyliron Hexafluorophosphate", *The Third Chemical Congress of North America*, Toronto, Ontario, June 1988
133. R.G. Sutherland, A.S. Abd-El-Aziz, A. Piorko and C.C. Lee. "Competitive Substitution of Chloro or Nitro Group in Isomeric Chloronitrobenzenes Complexed with the Cyclopentadienyliron Moiety", *The Third Chemical Congress of North America*, Toronto, Ontario, June 1988
134. A.S. Abd-El-Aziz, A.S. Baranski, A. Piorko and R.G. Sutherland. "Polarographic and Cyclic Voltammetric Studies of  $\eta^6$ -(Substituted Arene)- $\eta^5$ -cyclopentadienyliron Hexafluorophosphate in Aprotic Media", *70<sup>th</sup> Chemical Institute of Canada Conference*, Québec, PQ, June 1987
135. R.G. Sutherland, A.S. Abd-El-Aziz, R.L. Chowdhury, C.H. Zhang, A. Piorko and C.C. Lee. "Nucleophilic Addition and Displacement Reactions on Hindered Arene(Cp)Iron Complexes", *70<sup>th</sup> Chemical Institute of Canada Conference*, Quebec, PQ, June 1987
136. R.G. Sutherland, C.C. Lee, A.S. Abd-El-Aziz and A. Piorko. "Nucleophilic Replacement of NO<sub>2</sub> or Cl Groups in Arenes Activated by Complexation with FeCp by Carbon Nucleophiles", *69<sup>th</sup> Chemical Institute of Canada Conference*, Saskatoon, Saskatchewan, June 1986

#### UNDERGRADUATE CONFERENCE PRESENTATIONS

1. **T.C. Corkery**, A.S. Abd-El-Aziz and E.K. Todd. "Polyaromatic Ethers With Imine Bridges", *16<sup>th</sup> Annual Western Canadian Undergraduate Chemistry Conference*, Calgary, Alberta, May 2002

2. A.S. Abd-El-Aziz, **J.A. Hurd** and L.J. May. "The Design of Polynorbornenes Containing Cyclopentadienyliron-complexed Lateral Side Chains", *15<sup>th</sup> Annual Western Canadian Undergraduate Chemistry Conference*, Burnaby, British Columbia, May 2001
3. A.S. Abd-El-Aziz, **T.E. Wood**, R. Okasha and E.K. Todd. "Electrochemical Studies of Neutral and Cationic Organoiron Complexes", *15<sup>th</sup> Annual Western Canadian Undergraduate Chemistry Conference*, Burnaby, British Columbia, May 2001. (Honorable mention)
4. A.S. Abd-El-Aziz, **J. DiMartino** and E.K. Todd. "Polymerization of Organoiron-complexed Methacrylate and Styrene Monomers", *15<sup>th</sup> Annual Western Canadian Undergraduate Chemistry Conference*, Burnaby, British Columbia, May 2001
5. A.S. Abd-El-Aziz, **S.L. McFarlane** and E.K. Todd. "Polycondensation of Aromatic Ethers" *14<sup>th</sup> Annual Western Canadian Undergraduate Chemistry Conference*, Winnipeg, Manitoba, May 2000
6. A.S. Abd-El-Aziz, **W.R. Budakowski** and L. May. "The Synthesis and Polymerization of a New Class of Substituted Norbornenes", *14<sup>th</sup> Annual Western Canadian Undergraduate Chemistry Conference*, Winnipeg, Manitoba, May 2000
7. A.S. Abd-El-Aziz, **L. May** and A. Edel. "Ring-Opening Metathesis Polymerization of Functionalized Norbornenes", *13<sup>th</sup> Annual Western Canadian Undergraduate Chemistry Conference*, Saskatoon, Saskatchewan, May 1999. (Best Overall Oral Presentation)
8. A.S. Abd-El-Aziz, **J. Fine** and N. Gavel. "Synthesis and Characterization of Novel Ferrocenes", *13<sup>th</sup> Annual Western Canadian Undergraduate Chemistry Conference*, Saskatoon, Saskatchewan, May 1999
9. **W. R. Budakowski**, T.M. El-Morsi, K.J. Friesen and A.S. Abd-El-Aziz. "Photocatalytic Degradation of 1,10-Dichlorodecane in Aqueous TiO<sub>2</sub> Suspensions", *13<sup>th</sup> Annual Western Canadian Undergraduate Chemistry Conference*, Saskatoon, Saskatchewan, May, 1999. (Best Analytical Oral Presentation)
10. A.S. Abd-El-Aziz and **N. Gavel**. "Cyclopentadienyliron Complexes of Nitroarenes: Synthesis and Reactivity", *12<sup>th</sup> Annual Western Canadian Undergraduate Chemistry Conference*, Calgary, Alberta, May 1998. (Best Inorganic Poster Presentation)
11. A.S. Abd-El-Aziz and **L. May**. "Metal-Mediated Macrocyclic Syntheses", *12<sup>th</sup> Annual Western Canadian Undergraduate Chemistry Conference*, Calgary, Alberta, May 1998. (Best Organic Oral Presentation)
12. A.S. Abd-El-Aziz and **E.K. Todd**. "Synthesis of Soluble Polyethers and Polythioethers with Pendant Cationic Iron Moieties", *12<sup>th</sup> Annual Western Canadian Undergraduate Chemistry Conference*, Calgary, Alberta, May 1998
13. A.S. Abd-El-Aziz and **A. Peters**. "Synthesis of  $\eta^6$ -Arene- $\eta^5$ -Cyclopentadienyliron Complexes using N, O, and S-Containing Nucleophiles", *11<sup>th</sup> Annual Western Canadian Undergraduate Chemistry Conference*, Winnipeg, Manitoba, May 1997

14. A.S. Abd-El-Aziz and **K. Tran**. "Functionalization of Phenolphthalein-Containing Complexes", *11<sup>th</sup> Annual Western Canadian Undergraduate Chemistry Conference*, Winnipeg, Manitoba, May 1997. (First Place Award, Organic Oral Presentation)
15. A.S. Abd-El-Aziz, **L. Stewart**, K. M. Epp and C.R. de Denus. "Synthesis of Monomeric and Polymeric Ethers and Thioethers", *11<sup>th</sup> Annual Western Canadian Undergraduate Chemistry Conference*, Winnipeg, Manitoba, May 1997. (First Place Award, Poster Presentation)
16. A.S. Abd-El-Aziz, **K. Tran** and C.R. de Denus. "Synthesis and Characterization of Polyaromatic Ethers", *10<sup>th</sup> Annual Western Canadian Undergraduate Chemistry Conference*, Edmonton, Alberta, May 1996. (Second Place Award, Oral Presentation)
17. A.S. Abd-El-Aziz, **A. White** and K.M. Epp. "Synthesis and Polymerization of Substituted Norbornene", *10<sup>th</sup> Annual Western Canadian Undergraduate Chemistry Conference*, Edmonton, Alberta, May 1996. (Second Place Award, Oral Presentation)
18. A.S. Abd-El-Aziz, **S. Smith**, C.R. de Denus and K.E. Epp. "Electrochemical Studies of Mono-, Di- and Poly-Arene Complexes", *10<sup>th</sup> Annual Western Canadian Undergraduate Chemistry Conference*, Edmonton, Alberta, May 1996. (Best Organic Poster Presentation)
19. A.S. Abd-El-Aziz and **K.M. Epp**. "Bis(cyclopentadienyliron) Arene Complexes: Synthesis and Functionalization", *8<sup>th</sup> Annual Western Canadian Undergraduate Chemistry Conference*, Regina, May 1994. (First Place Award, Oral Organic Presentation)
20. A.S. Abd-El-Aziz and **J. Bzikot**. "Poly(Aromatic Ethers) Containing Metallic Moieties with Naphthalene Bridges", *8<sup>th</sup> Annual Western Canadian Undergraduate Chemistry Conference*, Regina, Saskatchewan, May 1994
21. A.S. Abd-El-Aziz, **A. Okonkwo** and H.M. Hutton. "Bis(cyclopentadienyliron) Arene Dications: NMR Study of the Substituent Effects", *8<sup>th</sup> Annual Western Canadian Undergraduate Chemistry Conference*, Regina, Saskatchewan, May 1994. (Best Organic Poster Presentation)
22. A.S. Abd-El-Aziz, **D. Armstrong** and H.M. Hutton. "Relative Distribution of Hydride Addition Products of Bis(cyclopentadienyliron) Arene Complexes", *8<sup>th</sup> Annual Western Canadian Undergraduate Chemistry Conference*, Regina, Saskatchewan, May 1994
23. A.S. Abd-El-Aziz and **C.R. de Denus**. "A Versatile Approach to the Synthesis of Polyethers", *7<sup>th</sup> Annual Western Canadian Undergraduate Chemistry Conference*, Lethbridge, Alberta, May 1993. (Second Place Award, Oral Presentation)
24. A.S. Abd-El-Aziz and **K.M. Epp**. "Synthesis and Characterization of some Dicyclopentadienyliron complexes of Aromatic Amines", *7<sup>th</sup> Annual Western Canadian Undergraduate Chemistry Conference*, Lethbridge, Alberta, May 1993. (Best Poster Presentation)
25. A.S. Abd-El-Aziz and **G. Fisher-Smith**. "Thioether Synthesis Using Organo-diiron Complexes", *7<sup>th</sup> Annual Western Canadian Undergraduate Chemistry Conference*, Lethbridge, Alberta, May 1993
26. A.S. Abd-El-Aziz, **P. Hazendonk** and H.M. Hutton. "Structural Properties of Some Substituted Aryl Phenylsulphonylacetonitrile Cyclopentadienyliron Cations", *7<sup>th</sup> Annual Western Canadian*

*Undergraduate Chemistry Conference*, Lethbridge, Alberta, May 1993. (Best Organic Poster Presentation)

27. A.S. Abd-El-Aziz, **S. Tesfalidet** and C.R. de Denus. "Synthesis of Some Alkanoic Acid Esters Via the Aid of Organo-iron Complexes", *6<sup>th</sup> Annual Western Canadian Student Conference*, Vancouver, British Columbia, May 1992
28. **L. Wilson**, T. Sharma and A.S. Abd-El-Aziz. "Synthesis of Some Arene Bimetallic Complexes", *5<sup>th</sup> Annual Western Canadian Student Conference*, Winnipeg, Manitoba, May 1991.

## INVITED BOOK REVIEWS

- "Synthetic Metal-Containing Polymers", I. Manners, Wiley-VCH, Weinheim, *Polymer News*, **30** (2005)
- "IUPAC 10<sup>th</sup> International Symposium on Macromolecule-Metal Complexes (MMC-10)", E. Karakhanov, A. Maksimov (Eds.), 294 pp., Wiley-VCH, Weinheim, *Polymer News*, **30** (2005)
- "Polymer Brushes", R. C. Advincula, W. J. Brittain, K. C. Caster, J. R  he, Eds., Wiley-VCH, Weinheim, 483 pp., *Polymer News*, **30**, 167 (2005)
- "New Synthetic Methods, Advances in Polymer Science # 167", A. Abe, et al. (Eds.), 155pp, Springer, New York, **30**, 136 (2005)
- "Advances in Controlled/Living Radical Polymerization", K. Matyjaszewski, Ed., ACS Symposium Series 854, Washington DC, Distributed by Oxford University Press, New York, 688 pp., *Polymer News*, **29**, 167 (2004)
- "Handbook of Free Radical Initiators", E.T. Denisov, T.G. Densisova, T.S. Pokidova, John Wiley & Sons Inc., Hoboken, N.J., 879 pp., *Polymer News*, **29**, 135 (2004)
- "Biocatalysis in Polymer Science", R.A. Gross, H.N. Cheng, Eds., 2002, ACS Symposium Series 840, Washington DC, 336 pp. *Polymer News*, **28**, 295 (2003)
- "Functional Condensation Polymers", C.E. Carraher Jr. and G.G. Swift, Eds., 2003, Kluwer Academic/Plenum Publishers, New York, 315 pp. *Polymer News*, **28**, 198 (2003)
- "Synthetic Peptides, A User's Guide", Second Edition, G.A. Grant, Ed., 2002, Oxford University Press, New York, 390 pp. *Polymer News*, **28**, 169 (2003)
- "Handbook of Radical Polymerization", K. Matyjaszewski and T.P. Davis, Eds., 2002, John Wiley & Sons Inc., New York, 920 pp., *Polymer News*, **28**, 243 (2003)
- "Advances in Polymer Science Vol. 155: New Polymerization Techniques and Synthetic Methodologies", A. Abe, et al, Springer Verlag, Berlin and New York, 2001, 238 pp, *Polymer News*, **28**, 134 (2003)
- "Tailored Polymers and Applications", Y. Yagci, M.K. Mishra, O. Nuyken, K. Ito and G. Wnek, VSP, Zeist, The Netherlands, 2000, 330 pp, *Polymer News*, **27**, 330 (2002)
- "Principles of Coordination Polymerisation. Heterogeneous and Homogeneous Catalysis in Polymer Chemistry-Polymerisation of Hydrocarbon, Heterocyclic and Unsaturated Monomers", W. Kuran, John Wiley and Sons, New York, 2001, 522 pp, *Polymer News*, **27**, 189 (2002)
- "Catalytic Polymerization of Cycloolefins: Ionic, Ziegler-Natta and Ring-Opening Metathesis Polymerization", V. Draguten and R. Streck, Elsevier Science, Amsterdam and New York, 2000, 1270 pp, *Polymer News*, **26**, 401 (2001)

- “Controlled/Living Radical Polymerization”, ACS Symposium Series 768, K. Matyjaszewski, Ed., American Chemical Society, Washington, DC, 2000, 484 pp, *Polymer News*, **26**, 328 (2001)
- “Silicones and Silicone-Modified Materials”, ACS Symposium Series 729, S. J. Clarson, J. J. Fitzgerald, M. J. Owen and S. D. Smith, Eds., American Chemical Society, Washington, DC, 2000, 602 pp, *Polymer News*, **26**, 183 (2001)
- “Supramolecular Polymers”, A. Ciferri, Ed, Marcel Dekker, Inc., New York, 2000, 668 pp, *Polymer News*, **25**, 428 (2000)

## INVITED LECTURES

- Konstanz University, Konstanz, Germany, November 2008
- Central China Normal University, Wuhan, China, January 2008
- University of Lethbridge, Alberta, November 2007
- Centennial Homecoming Seminar, University of Saskatchewan, Saskatchewan, September, 2007
- Queen’s University, Kingston, Ontario, November 2006
- University of Saskatchewan, Saskatchewan, March 2006
- Université de Sherbrooke, Quebec, February 2006
- University of New England, Armidale, Australia, March 2005
- Plenary Lecture, au 8e Symposium annuel de chimie inorganique du Québec (SACIQ), Bishop’s University, Sherbrooke, Quebec, August 2004
- North China University, China, July 2004
- Institute of Daily Chemicals, Shanxi, China, July 2004
- Shanxi Institute of Applied Chemistry, Shanxi, China, July 2004
- Hong Kong University of Science and Technology, Hong Kong, China, July 2004
- The University of Hong Kong, Hong Kong, China, June 2004
- Hong Kong Baptist University, Hong Kong, China, June 2004
- University of Toronto, Toronto, Ontario, August 2003
- University of Tokyo, Tokyo, Japan, June 2003
- Tokyo Institute of Technology, Japan, June 2003
- Kei University, Yokohama, Japan, June 2003
- Osaka University, Osaka, Japan, June 2003
- Suez Canal University, Ismalia, Egypt, February 2003
- Al-Azhar University, Cairo, Egypt, February 2003
- Carleton University, Ottawa, Ontario, January 2003
- University of Saskatchewan, Saskatoon, Saskatchewan, January 2003
- Shanxi Institute of Applied Chemistry, China, August 2000
- McMaster University, Hamilton, Ontario, November 1999
- APICS Speaker, Memorial University of Newfoundland, St. John’s, Newfoundland, May 1999
- APICS Speaker, Dalhousie University, Halifax, Nova Scotia, May 1999
- APICS Speaker, University of Prince Edward Island, Charlottetown, Prince Edward Island, May 1999
- North Dakota State University, Fargo, North Dakota, October 1998
- Al-Azhar University, Cairo, Egypt, December 1997
- Brown University, Providence, Rhode Island, October 1996
- University of Alberta, Edmonton, Alberta, September 1996
- University of Texas at El Paso, El Paso, Texas, February 1996
- Kuwait University, Kuwait, December 1995
- University of Regina, Regina, Saskatchewan, October 1995
- University of Saskatchewan, Saskatoon, Saskatchewan, October 1995

- Brandon University, Brandon, Manitoba, October 1995
- University of North Dakota, Grand Forks, North Dakota, May, 1995
- North Dakota State University, Fargo, North Dakota, May 1995
- Ain Shams University, Cairo, Egypt, December 1994
- University of Manitoba, Winnipeg, Manitoba, October 1994
- St. Mary's University, Halifax, Nova Scotia, September 1993
- Marquette University, Milwaukee, Wisconsin, August 1993
- Petroleum Recovery Institute, Calgary, Alberta, July 1991
- University of Toronto, Toronto, Ontario, February 1990

## **OTHER ACADEMIC PUBLICATION**

- A.S. Abd-El-Aziz, L. Axworthy, P. Ghorayshi, C. Reid, B. Kliewer and C. Kudadirgwa. *Scoping the Role of Canadian Diaspora in Global Diplomacy and Policy Making*. Project Report. The University of Winnipeg, Winnipeg, MB. (2005).  
<http://ecommons.uwinnipeg.ca/archive/00000127/>  
[http://ecommons.uwinnipeg.ca/archive/00000127/01/Scoping\\_Role\\_Canadian\\_Diaspora.pdf](http://ecommons.uwinnipeg.ca/archive/00000127/01/Scoping_Role_Canadian_Diaspora.pdf)

## **EDITORIAL POSITIONS AND INTERNATIONAL ADVISORY BOARD**

- Editor, Journal of Inorganic and Organometallic Polymers and Materials, 2006-Present
- Honorary Editor, Advanced Materials letters, 2010-Present
- Editorial Board, Royal Society for Chemistry, Polymer Chemistry Series, 2010-Present
- Associate Editor, Research Letters in Physical Chemistry, 2007-2009
- Editorial Board, Macromolecules: An Indian Journal 2006- Present
- International Journal of Applied Chemistry 2005- Present
- Macromolecular Rapid Communications 2003-Present
- Macromolecular Chemistry and Physics 2003-Present
- Associate Editor, Journal of Inorganic and Organometallic Polymers and Materials, 2003-2005
- Journal of Inorganic and Organometallic Polymers (2002-2005)
- Guest Editor, "Transition Metal Coordinated Polymers", Journal of Inorganic and Organometallic Polymers, 2000

## **RESEARCH PROPOSAL REVIEWER**

- Natural Sciences and Engineering Research Council of Canada (NSERC)
- American Chemical Society Petroleum Research Funds (ACS-PRF)
- The Killam Research Fellowship, The Canada Council for the Arts
- Canada Research Chairs (CRC)
- Canadian Foundation for Innovation (CFI)
- Foundation for Polish Science

## **THESIS EXTERNAL EXAMINAR**

- “Solid-State Nuclear Magnetic Resonance Spectroscopy of Phosphazene Polymers”, Alexey S. Borisov, University of Lethbridge, 2009
- “Polymerization of Isobutene Using Carboxylic Acid Adducts of  $B(C_6F_5)_3$ ”, Simona Mitu, Queen’s University, 2006
- “Ferrocene\_Peptide\_Dendrimers: Synthesis, Properties and Binding Studies”, Francis Ertie-Kwaw Appoh, University of Saskatchewan, 2006
- “Synthesis of Dendritic Materials Using Divergent Route”, Olivier E. Bourrier, McGill University, 2004
- “The Use Of Catalysts Containing Noble Metals Supported On Modified Zeolites For Hydrocarbons Conversion”, Doaa Matter, Cairo University, 2004
- “The immobilization of urease on activated butyl methacrylate and cyclohexyl methacrylate grafted nylon membranes”, Hazem El-Sherif, Cairo University, 2004
- “Synthesis, Characterization and Properties of Water-Soluble Polyferrocenylsilanes and Related Materials with Controlled Architectures”, Nicole Power-Billard, University of Toronto, 2003
- “The Synthesis and Characterization of Metal-Containing Polyesters and Polyurethanes”, Gregory Stuart Smith, University of the Western Cape, South Africa, 2003
- “Dinuclear Ruthenium Complex Materials”, Pierre Desjardins, Carleton University, 2001

## **JOURNAL REFEREE**

- Biomacromolecules
- Canadian Journal of Chemistry
- Coordination Chemistry Reviews
- Inorganic Chemistry
- Journal of the American Chemical Society
- Journal of Applied Polymer Science
- Journal of Inorganic and Organometallic Polymers
- Journal of Macromolecular Chemistry and Physics
- Journal of Organic Chemistry
- Journal of Organometallic Chemistry
- Langmuir
- Macromolecules
- Macromolecular Rapid Communications
- Molecules
- Organometallics
- Polymer Bulletin
- The Journal of Physical Chemistry

## **COMMUNITY SERVICE/OTHER RELEVANT ACTIVITIES**

- Summer enrichment mini-course, “Polymers and the Environment”, taught to Manitoba Grade 10, 11 and 12 students, The University of Winnipeg, 1992-2001
- Co-organizer (with Dr. Desiree Vanderwel), “Partners in Chemistry”, one-day symposium involving faculty from The Universities of Winnipeg and Manitoba, and several high school science teachers, 1999
- Public lecture, “Why Plastics?” Skywalk Concerts & Lectures, Centennial Library, Winnipeg, 1997
- Chancellor’s Forum, “Plastics are Forever”, The University of Winnipeg, 1997
- Distinguished Lecture Series, “Plastics and the Environment”, The University of Winnipeg, 1997
- Co-organiser (with Dr. Ken Friesen), “Developments in Chemical Education”, meeting with Manitoba high school science teachers, 1996