

Ontario Tech University
ADJUNCT FACULTY CURRICULUM VITAE

A. GENERAL INFORMATION

1. William M. Goodman, Ph.D.

Faculty of Business and Information Technology
University of Ontario Institute of Technology (Ontario Tech University)
2000 Simcoe Street North
Oshawa, Ontario L1H 7K4
bill.goodman@uoit.ca

2. Education and Degrees

Ph.D. University of Waterloo, Waterloo, Ontario.

Department of Philosophy. (1989)

Specializations and Concentrations:

- Decision Theory and Symbolic Logic
- Educational Computing; Philosophy of Education; John Dewey;
- Theories of Knowledge and Modeling; Expert Systems; Artificial Intelligence; Philosophy of Science; Ancient Greek Philosophy.

Dissertation: "Preparing to Decide: Beyond Dewey and the Training Game."
[On training for decision making.]

Supervisor: "Dr. Brian Hendley, University of Waterloo, Dept. of Philosophy

External Examiner: "Dr. Ronald Ragsdale, **Ontario Institute for Studies in Education**, Department of Measurement, Evaluation, and Computer Applications.

M.A., Waterloo, Ontario.

Department of Philosophy. (1983)

Dissertation: "Structure and Procedure: Constructional Foundations of Carnap's The Logical Structure of the World." [*Based on computer modeling of a complex logical analysis.*]

Awards:

- **Arts Faculty Scholarships:** 1981-82 (P/T); 1982-1983 (F/T).
- **ALUMNI GOLD MEDAL (Masters):** 1983.

Honours B.A. University of Waterloo, Waterloo, Ontario.

Department of Philosophy. (1977)

Honours Thesis in Ethics

Supervisor: Dr. Jan Narveson, University of Waterloo.

Diploma, Electronics Engineering Technician (1979)

DeVry Institute of Technology, Toronto, Ontario.

Awards: Valedictorian and Highest Achievement Award

3. Employment History

University of Ontario Institute of Technology, Oshawa, Ontario.

Faculty of Business and Information Technology

Adjunct Professor (2017 – Present) (*non-paid affiliation*)

Full Professor (2013 – 2017(Retired))

Associate Professor (2003-2013)

Professional Activities:

- Research in applied statistics, severity distributions (and other ordinal data distributions) analysis, risk management and communication, and educational outcomes, evaluation and technologies Publications and Presentations in these areas, as well as acknowledged mentoring and draft-reviewing for colleagues' projects.
- Taught and developed courses in Statistics, Forecasting, Operations Management, and Risk Management, for the undergraduate BComm and graduate MBA and Masters of Engineering Management programs.
- Graduate Student Supervisions: MBA, MEngMgt, Health Science; Master of Engineering Management
- University Examiner for two Engineering Ph.D. students
- Capstone student-teams advising, and grading final presentations
- Mentoring/Coordinating for new and/or sessional FBIT instructors
- Program Development for Faculty of Business and IT programs and proposed programs: BCOM, BBA, MBA, BIT, MITS, and Informatics—including development of a proposed outcomes-based format for its curriculum.
- Extensive contributions to university-service have included one or more terms as (*partial list, over several years*):
 - Chair, Founding Member, Vice Chair, and FBIT Sub-Chair: UOIT Research Ethics Board
 - Chair, Member, and Ad hoc Student-Awards Reviewer: FBIT Research Committee
 - Chair: FBIT Policy Committee
 - Chair: FBIT Appeals Committee
 - Founding Member: Centre for Evaluation and Survey Research (CESR)
 - Member: FBIT Curriculum Committee
 - Member: FBIT Executive Committee
 - Member: FBIT Faculty Review Committee
 - Member: UOIT Academic Council
 - Member: UOIT Academic Council Executive Committee
 - Member: UOIT University Tenure and Promotion Appeals Committee
 - Member: Health Education Technology Research Unit (HETRU)
 - Member: Innovation Fund Review Committee
 - Member: Nuclear Engineering Program Advisory Committee

- Chief Negotiator, Negotiating Team Member, and Faculty Representative: UOIT Faculty Association
- Advisor: FBIT/ College linkages via “Bridge” and “embedded bridge”

Also:

- Numerous *Ad Hoc* committee memberships, including:
 - UOIT-UOITFA Joint Committee on Teaching Evaluation
 - FBIT Academic Misconduct Committee
 - Third-Year Review Committees for FBIT Faculty
 - Teaching Award Committee (2009)
 - Search Committees for Faculty and Advisory Staff—for: FBIT; Health Sciences; Criminology and Justice; Education; CESR; CRC Tier II - FBIT Search Committee;
 - Third-Year Review Committees for other Faculties—for Criminology and Justice; Engineering; and Education
 - Teaching Evaluations for Tenure Reviews—for FBIT and Education
 - Chair for Ph.D. Examination Committees for candidates in Engineering.
 - Chair for the Masters Examination Committees for MASc. candidates in Engineering.
 - Program Review Committee for Medical Laboratory Science Program
 - President’s Advisory Committee for Selecting the Provost.

Durham College, Oshawa, Ontario

Dean (Acting), School of Business. (2002-2003)

Professor, School of Business. (1985-2002)

Professional Secondments:

- ***Researcher, Instructional Technology*** (*Full Time, Internal, Fall 1996*)
- ***Consultant, Health and Safety Sciences and Technology*** (*Full Time, External secondment to Ontario Hydro, Pickering, Ontario, 1990-1992*)
- ***Curriculum Associate, Office of the Vice-President, Academic*** (*Full Time, Internal, 1989-1990*)
- ***Consultant, Management Centre*** (*Full Time, Internal, 1988-1989*)
- ***Manager, Learning Access Centre/Distance Learning*** (*Full Time, Internal, 1986-1988*)

Decision Opportunities, Oshawa, Ontario (Private Consulting, Part Time 1989-2010)

Statistical Analysis and Risk Assessment; "Expert" systems.

Performed research on data (as a contractor or subcontractor) for:

- Atomic Energy Control Board (now ‘Canadian Nuclear Safety Commission’)
- Ault Foods
- Beak Consultants
- Bruce Power
- CANDU Owners Group (COG)
- Certified General Accountants Association
- Health Canada
- Human Resources Development Canada

- Ontario Hydro / Ontario Power Generation
 - University of Waterloo Institute for Risk Research
- Was a Senior Associate for W&W Radiological and Environmental Consultant Services Inc.

University of Waterloo, Waterloo, Ontario, Department of Philosophy
Instructor, Decision Theory and Symbolic Logic. (P/T, 1984-1985)
Teaching Assistant, Decision Theory and Logic. (P/T, 1982-1984)

Centennial College, Toronto, Ontario
Instructor, Computing and Educational Computing. (P/T 1984-1985)
Computer Activities Consultant (for 1st Computer Camp) (Summer 1982)

Texas Instruments Canada (Consumer Products), Richmond Hill, Ontario
National Manager, Service and Software Support (1980-1982)
Manager, Employee Sales and Consumer Relations (1981-1982)

DeVry Institute of Technology, Toronto, Ontario
Instructor, Mathematics and Electronics (1979-1980)

4. Honours

Teaching Award, University of Ontario Institute of Technology. 2008
Nomination for Teaching Award, UOIT. 2006
Alumni Gold Medal (Masters), University of Waterloo. 1983
Arts Faculty Scholarships, University of Waterloo. 1981-82; 1982-1983
Valedictorian and Highest Achievement Award, DeVry Institute. 1979
{Also see: Research Awards, below}

5. Professional Affiliations and Activities

Professional Associations (*Current Membership*)

- American Statistical Association

Professional Associations (*Selected Past Memberships*)

- Decision Sciences Institute
- Institute for Risk Research
- Canadian Association of Research Ethics Boards
- Canadian Association for Health Services and Policy Research
- North American Simulation and Gaming Association (NASAGA)
- Canadian Association for Distance Education (CADE)
- Canadian Education Association (CEA)
- Distance Education Steering Committee (Ontario)
- Educational Computing Organization of Ontario (ECOO)
- Distance Education Advisory Committee (TV Ontario)

Seminars, Workshops, and Webinars Attended: Selected Topics

- Statistics
- Research Ethics
- Instructional Technology/ Educational Computing; Education
- Risk Assessment/Risk Management
- Industrial Safety
- Project Management
- Job Design/Work Flow
- Time and Asset Management
- Computer Languages and Applications
- Web-Page Design
- Expert Systems

B. RESEARCH

6(i) Current Research Interests

Three Basic Themes

1) Basic Methodological Research and Innovative Statistical Applications

- ***Areas of Interest:***
 - 1. Distribution-Shift Analysis**
 - 2. Risk Management, Perception and Communication**

2) Promoting Statistical Literacy

- ***Areas of Interest:***
 - 1. Use, abuse, and applications of p-Values**
 - 2. Use, abuse, and limitations of Benford's Law**

3) Collaborative Statistical Support for Research on (a) Innovative Instructional Technologies and (b) Evaluating Methods to Enhance Public Health.

- ***Recent/Ongoing Projects:***
 - 1. The Relationship between Mother and Co-parent teamwork and increased breastfeeding rates: A randomized controlled trial. (PI: Dr. Jennifer Abbass-Dick, Ontario Tech)**
 - 2. Exploring early cognitive screening in acute stroke practice (PI: Melanie Bourdages, Lakeridge Health)**

6(ii) Research Awards and Contracts

- ***Phase II: Transitioning into University Life: Impact of Program Specific Orientation.*** One-year research project, funded by the Durham College Internal Research Fund., for \$6,000. PI's: F. Longo and A. LeSage, **2013-2014.** (I was the lead for the quantitative research aspect, for Phases I and II.)
- ***Barriers to UOIT-DC Pathways Research Project.*** One-year team-research (dual institution and multidisciplinary) project, funded by the UOIT Office of

Research Services and Research Accounting, for \$30,000. PI's: F. Longo and A. LeSage, **2012-2013**. (I was the lead for the quantitative research subgroup.)
RA (Quantitative): Darryl Hand

- ***Developing an Instrument to Quantify Individual Profiles for Responding to the Two Dimensions of Risk (Frequency and Severity)***. A two-year, Research Development Initiative grant from the Social Sciences and Humanities Research Council of Canada, for \$39,892, **2009-2010**. With Co-PI: Dr. Zhenfeng Ma, UOIT. RA's: Angie Andrade; Glenn Anderson.
- ***Durham Regional Police Service Mental Health Support Unit: Program Evaluation***. Contributing quantitative analysis with respect to data collected from this project. Durham Regional Police Services. \$5502. **2009**. PI: Dr. Wendy Stanyon, UOIT. RA: Nadeem Munir.
- ***Using Simulation to Engage Police in Learning about Mental Illness: The Impact of Realism on the Learning Process***. Contributing (in 2009, to replace Jay Tashiro) quantitative analysis with respect to data collected from this project. Canadian Council on Learning. \$59,618.30, **2008-2009**. PI: Dr. Wendy Stanyon, UOIT; also with Chris Hinton.
- ***(Royalties and Grants for Development of a new Statistics textbook, plus for the sales of pre-publication versions in 2007 and 2008.)***
Contractor: **Nelson Education Ltd. (Originally: Thomson Nelson)**
- ***Assessing the Economic Return of a Breastfeeding Information/Support/Incentive Program Directed to Low Income and At Risk Mothers. Public Health Agency of Canada. 2007; \$9430*** contract, to provide a model for assessment of the economic return. Two RAs: Ms. Angela Lamers; Ms. Laura Gannon.
- ***Development of Evaluation Tools for Public Health Agency of Canada: 2005***
Two successfully completed projects:
 - (1) *A Typology of Implementation Approaches Evident in the Community Action Program (CAPC) for Children and the Canada Prenatal Nutrition Program (CPNP)*;
 - (2) *A Model to Improve the Accurate Assessment of Leveraged Resource Contributions to Agencies That Deliver CPNP or CAPC Programs.*
\$9000 for RA salary plus travel
Collaborated with Dr. Ellen Vogel (she looked at qualitative data).
RA: Mr. Thomas Campbell.
- ***(Royalties and Grants for Two Canadian Editions of a Statistics Textbook) 1998-2007*** Contractor: **Pearson Education Canada (Originally: Addison Wesley Longman)**
For Canadianization of text, examples, and problems. Collaborated with the U.S. Author (Triola) and another Canadian Author (R. Law)
- ***Safety Metric Improvement.***
2004 Contractor: Ontario Power Generation
\$23,100 for overall contract, payable to the Author's research business.
Oversaw the work of two Ph.D. collaborators.
Collaborated with Drs. David Agnew and Keith Donnelly

- ***Safety Records Analysis for Bruce Power***
2004 Contractor: **W&W Radiological & Environmental Consulting**
\$1400 for my statistical analysis contribution to a larger study for **Bruce Power**.
Collaborated with Mr. Murray Walsh (Principal of W&W Radiological)
- ***Safety Records Analysis for Bruce Power***
2003 Contractor: **W&W Radiological & Environmental Consulting**
\$3425 for my statistical analysis contribution to a larger study for **Bruce Power**.
Collaborated with Mr. Murray Walsh (Principal of W&W Radiological)
- ***Safety Records Analysis for Ontario Power Generation***
2003 Contractor: **W&W Radiological & Environmental Consulting**
\$1845 for my statistical analysis contribution to a larger study for **OPG**.
Collaborated with Mr. Murray Walsh (Principal of W&W Radiological)
- ***Dose Measurement Scaling for Ontario Power Generation***
2003 Contractor: **W&W Radiological & Environmental Consulting**
\$2535 for my statistical analysis contribution to a larger study for **OPG**.
Collaborated with Mr. Murray Walsh (Principal of W&W Radiological)
- ***Data Search and Development for a Prospective Statistics Textbook***
2002. \$1500. For publisher **Pearson Education Canada**
Data were for a prospective Canadian edition of Shannon's U.S. textbook.
- ***Hands-on Economics Simulation Software***
2000-2001. \$4000 for publisher **Pearson Education Canada**.
This software has now been shrink-wrapped on CD with *three* editions of an
Economics textbook. Collaborated with Mr. R. Hird, author of the textbook.

Selected Earlier Awards and Contracts

(Also: See list of contractors in Section A3: Clients for the Author's statistical consulting) (1992-2010)

- **Review of the Modeling Assumptions Behind the 1988 Ontario Nuclear Safety Review (ONSR)**. With Dr. Brenda Lee. (1992-1994)
Funder: **University of Waterloo Institute for Risk Research**
- ***Development of curricular materials for teaching "Expert Systems"***
Funder: **Ontario Training Materials Development Fund**. (1988)
- ***Doctoral Fellowships Awarded by SSHRCC for:***
1983-1984; 1984-1985; (Also: 1985-1986, *declined, to accept employment*)
- ***Grant for constructing a computer model based on Carnap's Logical Structure of the World***, SSHRCC (1982).

C. SCHOLARLY AND PROFESSIONAL WORK

7. Refereed Publications, and Books and Monographs

- ***Refereed Journals and Web-Publications***

Mohammed, A.H.A., **Goodman W.M.**, Yfantidou, I. The impact of airlines' policies during COVID-19 on traveller's repurchase intentions. The case of Aegean

Airlines. *International Journal of Tourism Policy*. 12(2):133-159. (2022)
Available online: <http://dx.doi.org/10.1504/IJTP.2022.10046337>

Abbass-Dick, J., Sun, W., Newport, A., Xie, F., Godfrey, D., **Goodman, W.M.**, The Comparison of Access to an eHealth Resource to Current Practice on Mother and Co-Parent Teamwork and Breastfeeding Rates: A randomized controlled trial. *Midwifery*. 90. 2020: Article 102812. Available online: DOI: 10.1016/j.midw.2020.102812

Goodman, W.M., Spruill, S.E., Komaroff, E. A Proposed Hybrid Effect Size Plus p-Value Criterion: Empirical Evidence Supporting its Use. *The American Statistician*. 73(Sup1). 2019: 168-185. Available online: DOI: 10.1080/00031305.2018.1564697

Abbass-Dick, J., Xie, F., Koroluk, J., Alcock Brillinger, S., Hiuzinga, J., Newport, A., **Goodman, W.**, Dennis, C., The Development and Piloting of an eHealth Breastfeeding Resource Targeting Fathers and Partners as Co-parents. *Midwifery*. 50. 2017: 139-147. Available online: DOI: 10.1016/j.midw.2017.04.004

Goodman, W.M. The Promises and Pitfalls of Benford's Law. *Significance*. 13(3). 2016: 38-41. Also available online at: DOI: 10.1111/j.1740-9713.2016.00919.x

[The author has also made available for Benford's Law researchers his collection of 40 representative, "Benford-suitable" data sets, compiled for this paper, in a stand-alone version: "Benford Datasets 40 Cases", at URL: https://www.researchgate.net/publication/337682283_Benford_Datasets_40_Cases]

Percival, J., DiGiuseppe, M., **Goodman, W.**, LeSage, A., Longo, F., De La Rocha, A., Hinch, R., Samis, J., Sanchez, O., Rodrigues, A., Raby, P. Exploring Factors Facilitating and Hindering College-University Pathway Program Completion. *International Journal of Educational Management*. 30(1). 2016. Also available online at: <http://dx.doi.org/10.1108/IJEM-04-2014-0051>

Percival, J., **Goodman, W.**, LeSage, A., Longo, F., DiGiuseppe, M., De La Rocha, A., Samis, J., A., Hinch, R., Sanchez, O., Exploring Student and Advisor Experiences in a College-University Pathway Program: A Study of the Bachelor of Commerce Pathway. *The Canadian Journal of Higher Education*, 45(4). 2015: 400-422. Also available online at: <http://ojs.library.ubc.ca/index.php/cjhe>.

Goodman, W.M., Ma, Z., & Andrade, A. Developing a Game Interface to Assess Risk Perception with respect to Two Key Dimensions of Risk (Frequency and Severity) in Contexts where Risks are Elevated from their Accepted, "Typical" Values. *Games for Health Journal*. 4(3). 2015: 202-210

Fontana, N., Percival, J., White, K., and **Goodman, W.** Exploring the Efficiency of Automated Vitals Collection. *Healthcare Information Management and Communications*. (31) 2015.

- Stanyon, W., Whitehouse, & **Goodman, W.M.** Using Simulation to Educate Police about Mental Illness: A Collaborative Initiative. *Gateways: International Journal of Community Research and Engagement*. 7(1). 2014. Also available online at: <http://epress.lib.uts.edu.au/journals/index.php/ijcre/article/view/3394>
- LeSage, A., Samis, J., Hinch, R., Longo, F., DiGiuseppe, M., **Goodman, W.**, Percival, J., De La Rocha, A., Rodrigues, A., Raby, P., Sanchez, O. Pathways from College to University: A Social Science Example from Ontario. *College Quarterly*. 17(1). 2014. Available online at: <http://www.collegequarterly.ca/2014-vol17-num01-winter/lesage.html>
- Weaver RR, Lemonde M, and **Goodman WM.** What Shapes Diabetes Self-Efficacy? Demographics, Social Relations and Health Perceptions. *Journal of Diabetes and Metabolism* 5(5)2014: 370. Available online at: <http://omicsonline.org/open-access/what-shapes-diabetes-selfefficacy-demographics-social-relations-and-health-perceptions-2155-6156.1000370.pdf>
- Weaver, RR, Lemonde, M., Payman, N., and **Goodman, W.M.** Health Capabilities and Diabetes Self-Management: The Impact of Economic, Social, and Cultural Resources. *Social Science & Medicine*. 102 (Feb.) 2014: 58-68. Also available online at: <http://dx.doi.org/10.1016/j.socscimed.2013.11.033> Featured, as well at: <http://www.sociologyresearch.org/category/key-research-articles/>
- Sears, K. and **Goodman, W.M.** Risk factors for Increased Severity of Paediatric Medication Administration Errors. *Healthcare Policy*. 8(1) 2012: 109-126 Available online via: DOI:10.12927/hcpol.2012.22974
- Goodman, W.M.** Measuring Changes in the Distribution of Incident-Outcome Severities: A Tool for Safety Management. *Case Studies in Business, Industry and Government Statistics (CSBIGS)*. 5(1). (2012): 32-43 Also available for download at: <http://publications-sfds.fr/index.php/csbig/article/view/228/212>
- van Oostveen, R., Desjardins, F., Muirhead, W., & **Goodman, W.M.** Tablet PCs and Reconceptualizing Learning and Technology: A Case Study in Higher Education. *Emerald Interactive Technology and Smart Education* 8(2), 78-93. (2011). Also available online at: <http://www.emeraldinsight.com/doi/pdfplus/10.1108/17415651111141803>
- Goodman, W.M.** & Lamers, A. Asking the Right Questions Regarding the Effectiveness of Simulations. *Nursing Forum* 45(4), 246-252. (2010)
- Sears, K., Goldsworthy, S., and **Goodman, W.M.** The Relationship Between Simulation in Nursing Education and Medication Safety. *Journal of Nursing Education*. 49(1), 52-55. (2010).
- Stanyon, W., Hinton, C., and **Goodman, W.M.** Using Simulation to Engage Police in Learning about Mental Illness: The Impact of Realism on the Learning Process. *Canadian Council on Learning* (refereed, published online at: <http://www.ccl-cca.ca/CCL/Research/FundedResearch/project-funding-health.html>) (2009) Listed [in 2016] on the Canadian Policing Research Catalogue website, URL:

<http://www.publicsafety.gc.ca/cnt/cntrng-crm/plcng/cnmcs-plcng/rsrch-prtl/dtlls-en.aspx?d=PS&i=80817311>

Goodman, W.M. Critical-Thinking Assessment: A Case Applying Resampling to Analyze the Sensitivity of a Hypothesis Test to Confounding. *Case Studies in Business, Industry and Government Statistics (CSBIGS)*. 2(1). (2008). Also available online at:
<http://www.bentley.edu/centers/sites/www.bentley.edu.centers/files/csbigs/goodman.pdf>

Goldsworthy, S., Lawrence, N., and **Goodman, W.M.** The Use of Personal Digital Assistants at the Point of Care in an Undergraduate Nursing Program. *CIN: Computers, Informatics, Nursing*. 24(3), 138-143. (2006)

Goldsworthy, S., **Goodman, W.M.**, and Muirhead, B. Goal Orientation and its Relationship to Academic Success in a Laptop-based BScN Program. *International Journal of Nursing Education Scholarship*. 2(1): Article 22. (2005)

Goodman, W.M. Structures and Procedures: Carnap's Construction in the *Aufbau*. *Philosophy Research Archives*, 11(March), 551-578. (1985) Available online at: <http://philpapers.org/rec/GOOSAP-2>

Goodman, W.M. Theaetetus, Part II: A Dialogical Review. *The Antioch Review*, 42(4), 393-408. (1984) (Reprinted, 2009). Available online at: <http://www.jstor.org/stable/4611397>

Goodman, W.M. The 'Horseshoe' of Western Science. *Journal of Indian Council of Philosophical Research*, 1(2), 41-60. (1984)

- ***Proceedings of Conference Papers***
(SEE ALSO: Section 10: *Papers/Presentations at Meetings and Symposia*)

Goodman, W.M. Reality Checks for a Distributional Assumption: The Case of "Benford's Law". *JSM Proceedings*. Alexandria, VA: American Statistical Association (2013). By invitation, this paper has also been published online, at URL: <http://www.statlit.org/pdf/2013-Goodman-ASA.pdf>

Goodman, W.M. The Undetectable Difference: An Experimental Look at the 'Problem' of *p*-Values. *JSM Proceedings*. Alexandria, VA: American Statistical Association (2010). By invitation, this paper has also been published online, at URL: <http://www.statlit.org/pdf/2010GoodmanASA.pdf>

Goodman, W.M. Applying Resampling to Analyze the Sensitivity of a Hypothesis Test to Confounding. *JSM Proceedings*. Alexandria, VA: American Statistical Association (2008). By invitation, this paper has also been published online, at URL: www.statlit.org/PDF/2008GoodmanASA.pdf

- ***Books, Monographs, and Contributions to Books and Monographs***

Goodman, W.M. *Seeing Both: A Memoir of Chances*. (Publication expected in May)

2023)

Goodman, W.M. What If Plato Took Surveys? Thoughts about Philosophy Experiments. In: Hanna, P., Ed. *An Anthology of Philosophical Studies, Volume 6*, Athens: Athens Institute for Education and Research (2012)
Available online at URL:
https://www.researchgate.net/publication/259546757_What_If_Plato_Took_Surveys_Thoughts_about_Philosophy_Experiments

Goodman, W.M. *Modern Statistics: A Canadian Perspective*. Toronto: Nelson Education Limited (2009) (Second Printing: 2010)

Goodman, W.M. Theaetetus, Part II: A Dialogical Review. (Reprinted Paper). In: Tartaglia, J., Ed. *Richard Rorty: Critical Assessments of Leading Philosophers*. Routledge (2009)

Triola, M.F., **Goodman, W.M.**, and Law, R. *Elementary Statistics*. Second Canadian Edition. Don Mills, Ontario: Addison Wesley Longman. (2002)

Goodman, W.M. *Instructors Guide and Solutions Manual: Elementary Statistics, Second Canadian Edition*. Don Mills, Ontario: Addison Wesley Longman. (2002)

Triola, M.F., **Goodman, W.M.**, and Law, R. *Elementary Statistics*. First Canadian Edition. Don Mills, Ontario: Addison Wesley Longman. (1999)

Loyer, M., **Goodman, W.M.**, Law, R., and MacKenzie, K. *Instructors Guide and Solutions Manual: Elementary Statistics, First Canadian Edition*. Don Mills, Ontario: Addison Wesley Longman. (1999)

Goodman, W.M. *Beyond Competence: Preparing for Technological Change*. Norfolk, U.K.: Peter Francis Publishers. (1990) Available online at URL:
https://www.researchgate.net/publication/305426270_Beyond_Competence_Preparing_for_Technological_Change_mini-monograph

Goodman, W.M. *Preparing for Success: What Makes People Succeed?* Norfolk, U.K.: Peter Francis Publishers. (1990) Available online at URL:
https://www.researchgate.net/publication/305430540_Preparing_for_Success_What_Makes_People_Succeed_mini-monograph

8. Contracted Papers and Reports, and Non-Refereed Publications

• *Contracted Papers and Reports*

Percival, J, Fontanat, N., Goodman, W.M., and White, K. Vital Signs Connectivity Time Study. Research report in association with Welch Allyn and the Oshawa Clinic. 2014-15.

Longo, F., De La Rocha, A., **Goodman, W.M.** Transitioning into University Life: Impact of Program-Specific Orientation – Phase II. Research report for Durham College Research Day. Funded research. (May, 2014)

Longo, F., LeSage, A., DiGiuseppe, M., **Goodman, W.M.**, Percival, J., De La Rocha, A., Hinch, R., Rodrigues, A., Raby, P., Sanchez, O., Samis, J. Barriers

to Pathway Completion. A research report for Durham College and the University of Ontario Institute of Technology. Funded research, ON, CA (2013) {I was Lead Supervisor for RA Darryl Hand's contribution}

Goodman, W.M., Lamers, A. and Gannon, L. Assessing the Economic Return of a Breastfeeding Information/Support/Incentive Program Directed to Low Income and At Risk Mothers: An analysis. Funded research, contracted by **Public Health Agency of Canada**, (2007)

Goodman, W.M. and Campbell, T. Analysis of data for the **Canada Prenatal Nutrition Program (CPNP)** and the **Community Action Program for Children (CAPC)**. Funded research, contracted by: **Public Health Agency of Canada**. (2005)

Walsh, M., **Goodman, W.M.**, and various co-authors [Various, confidential risk-related analytical reports. Contractors included: **Atomic Energy Control Board, Ault Foods, Bruce Power, CANDU Owner's Group (COG), Health Canada, and Ontario Hydro/OPG.**] (1992-2004).

Walsh, M. and **Goodman, W.M.** Key Factors Analysis of Ontario Hydro Nuclear Trend Codes Assigned to Pickering NGS Station Condition Records. Decision Opportunities Report. Contracted by: Ontario Hydro. (1999)

Goodman, W.M. Environmental Scan of Alternative Instructional Technologies; and Environmental Scan Database. Appendices I (pages 23-59) and II (pages 60-100) in *Information Technology* Report. Strategic Planning Team for Instructional Technology, Durham College. (1996)

Lee, B. and **Goodman, W.M.** [Collaboration on research pursuant to a grant to review the modeling assumptions behind the 1988 Ontario Nuclear Safety Review (ONSR).] Funded by: University of Waterloo Institute for Risk Research. 1992-1994)

Goodman, W.M. Fatality-Risk Reduction: Measuring Progress through Comparative, Analytic Techniques. Ontario Hydro Document #HSD-ST-92-15 (1992)

Goodman, W.M. Evaluation of Software for 'Database Interrogation': A Test Case Using Data from the EMF Childhood-Leukemia Feasibility Study. Ontario Hydro Document #HSD-ST-91-31 (1991)

Goodman, W.M. 'Incident Reporting Form': A Computer-Based 'Smart Form' Package for Incident Reporting. {Includes software.} Ontario Hydro Document #HSD-ST-91-30 (1991)

Goodman, W.M. Evaluation of the Accident-Investigation Software 'REASON'. Ontario Hydro Document #HSD-ST-91-22. (1991)

Goodman, W.M. The 'Dose Correction Advisor': A Knowledge-Based Software Package for Dose Assignment. {Includes software.} Ontario Hydro Document #HSD-ST-91-12. (1991)

Goodman, W.M. Report on the Possible Implications of 'Risk Homeostasis Theory' for Serious/Fatal Accidents at Ontario Hydro. Ontario Hydro Document

#HSD-ST-91-4 (1991)

Goodman, W.M. Getting Started with Knowledge Engineering: Curricular Materials for Teaching Introductory Knowledge Engineering Using the Software *VP Expert*. [Includes software code. Used in courses delivered at General Motors and Durham College.] Funded by: the Ontario Training Materials Development Fund, Ministry of Skills Development. (1988)

[Stevenson Kellogg Ernst and Whinney], and **Goodman, W.M.** A Management Information System for the 90's. Report for Durham College. (1988)

Goodman, W.M. Providing Hands-On Training at a Distance. Final Report on the Joint Study between Academic Information Systems (IBM) and Durham College of Applied Arts and Technology. Durham College. (1987)

- ***Non-Refereed Articles***

Goodman, W.M. Can Stock Phrases Be Plagiarized? [Letter to the Editor] *University Affairs*, April. (2016)

Goodman, W.M. Science by Press Release: Commentary on the Findings, Methodology, and Media Promotion of ‘Traffic-Law Enforcement and Risk of Death from Motor-Vehicle Crashes: Case-Crossover Study’ by Redelmeier, Tibshirani, and Evans. *Online Journal of Justice Studies*, (Accepted for publication, 2003.) Available online at:
https://www.researchgate.net/publication/275650479_Commentary_on_the_Findings_Methodology_and_Media_Promotion_of_Traffic-Law_Enforcement_and_Risk_of_Death_from_Motor-Vehicle_Crashes_Case-Crossover_Study_by_Redelmeier_Tibshirani_and_Evan

Walsh, M. and **Goodman, W.M.** Key Factors Analysis. *ALARA Notes* #N3424, published by Brookhaven National Laboratory. (1997) Available online at: <http://hps.ne.uiuc.edu/natcisoe/brookhaven/3424.pdf>

Goodman, W.M. Statistically Analyzing Volume. *Technical Analysis of Stocks & Commodities*, (November), 21-28. (1996)

Goodman, W.M. Critical Thinking for Adults: Can It Be Taught. *Inquiry: Critical Thinking Across the Disciplines*, 10(2), 9-11. (1992)

Goodman, W.M. Give Statistics Their Due. [Letter to the Editor contesting a claim about safety.] *Oshawa-Whitby This Week*, July 1. (1992)

Goodman, W.M. Brevity. [Letter to the Editor, statistically comparing the lengths of Parliaments.] *The Globe and Mail*, May 21. (1991)

Goodman, W.M. ‘Training’ to Decide: A Challenge for Our Times. *Durham College Connection*, 1(1), 8-9. (1989)

Goodman, W.M. Review of “Dewey, Russell, Whitehead: Philosophers as Educators” by Brian P. Hendley. *Eidos*, 7(2), 255-260. (1987)

Goodman, W.M. Choice and Risk: A Simple Computer Simulation. *Computers in Education*, (April), 88-90. (1986)

- Goodman, W.M.** Teaching Rational Decision Making: A Deweyan Experiment. *APA Newsletter on Teaching Philosophy*, 4(6), 2-3. (1984)
- Goodman, W.M.** Achilles and the Turtle. [An educational computer simulation.] *Home Computer Magazine*, 5(3), 58-59, 125. (1984)
- Goodman, W.M.** Computers, Education, and Experience. *Past and Present*, (April), 3-5. (1984)
- Goodman, W.M.** Functions, Sets, and Turtles. *99'er Home Computer Magazine*, (September), 55-62. (1983)
- Goodman, W.M.** To Model is To Learn. *99'er Home Computer Magazine*, (July), 69-71. (1983)
- Goodman, W.M.** Networking and Alternative Education. *InfoAge*, (April), 17-18. (1983)
- Goodman, W.M.** Counting the Ways. [On computer uses in education.] *InfoAge*, (March), 9-10. (1983)
- Goodman, W.M.** Logo Goes to Camp: Practical Computing with Logo. *InfoAge*, (November), 15-20. (1982)
- Goodman, W.M.** (1982). Logo: A Language for Learning. *Teaching Electronics and Computing*, (May/June), 1, 5, 12

- **Published or Adopted Educational Software**

- Goodman, W.M.** Interactive Graphics. CD-based accompaniment to Hird, H.R., *Working with Economics, Seventh Edition*, Toronto, Ontario: Prentice Hall. (2005) {Subsequently, also in the Eighth Edition}
- Goodman, W.M.** Interactive Graphics. CD-based accompaniment to Hird, H.R., *Working with Economics, Sixth Edition*, Toronto, Ontario: Prentice Hall. (2002).
- Goodman, W.M.** Getting Started with Knowledge Engineering: Curricular Materials for Teaching Introductory Knowledge Engineering Using the Software *VP Expert*. [Includes software code. Used in courses delivered at General Motors and Durham College.] Funded by the Ontario Training Materials Development Fund, Ministry of Skills Development. (1988)
- Evans, K.A. and **Goodman, W.M.** *Stock Portfolio Manager: Program and Manuals*. [Implemented for use by Economics students in several sections at Durham College. Tied to live stock-market data. Accessible by students from a computer in the Library.] (1987)

9. Scholarly Papers, Not Yet Published

10. Papers/Presentations at Meetings and Symposia (See also (11): Invited Lectures)

Bourdages, M. (Presenter), Clyde, J., Donnelly, C., **Goodman, W.M.**, Holly, A.,

- Proctor, C., Theodore, J. Exploring Early Cognitive Screening in Acute Stroke Practice. Poster Presentation. Canadian Stroke Congress, Ottawa, ON (October 3, 2019)
- Hunter, W., van Oostveen, R., **Goodman, W.M.**, Barber, W. Assessing General Technology Competency and Use: Correlates of Confidence and Experience with a Range of Communications Devices. Universal Design Higher Education in Transformation conference, Dublin, Ireland (November 2018) Available online at URL:
www.researchgate.net/publication/323994825_Assessing_General_Technology_Competency_and_Use_Correlates_of_Confidence_and_Experience_with_a_Range_of_Communications_devices
- Goodman, W.M.** Being There and Getting There--View on the Nature and Application of Models. University of Waterloo Philosophy Colloquium, Waterloo, ON (Revised by author for online-posted version 2017; Originally presented 1984.) Revised version is available at URL:
https://www.researchgate.net/publication/321544298_Being_There_and_Getting_There--View_on_the_Nature_and_Application_of_Models--2017_Version
- DiGiuseppe, M., De La Rocha, **Goodman, W.M.**, A, Longo, F., Percival, J., A Examining Academic Performance among Pathway and Non-Pathway Health Sciences and Nursing Students. Higher Education in Transformation Symposium (HEIT), Oshawa, ON (November 2016).
- De La Rocha, A., Longo, F., **Goodman, W.M.** (Follow-up poster presentation) A Positive First Step: Nursing Specific Program Orientation Seminal to Success in Education. Durham College Research Day (May 2016).
- Goodman, W.M. Apply Resampling to Test for Differences in Educational Outcomes for Paired Cohorts Observed over Several Years. American Statistical Association, Joint Statistical Meetings, Seattle, WA. (August, 2015)
- Vernon, Howard, Mogil, Jeffrey, Chambersposter, Christine, Weaver, Robert, **Goodman, W.M.** "Does Culture Influence the Experience of Neck Pain?" Poster, at the 36th Annual Scientific Meeting of the Canadian Pain Society, Charlottetown, PEI, (May 2015).
- De La Rocha, A. (presenting), Longo, F., **Goodman, W.M.** A Positive First Step: Nursing Specific Program Orientation Seminal to Success in Education. Canadian Association of Schools of Nursing (CASN) conference, Halifax, NS (May, 2014)
- De La Rocha, A., Longo, F., **Goodman, W.M.** Transitioning into University Life: Impact of Program-Specific Orientation – Phase II Durham college Research Day 2014 (May).
- Goodman, W.M. Reality Checks for Distributional Assumptions: The Case of "Benford's Law". American Statistical Association, Joint Statistical Meetings,

Montreal, CA. (2013)

Stanyon, W., Whitehouse M., **Goodman, W.M.**, Lille, P. Using Simulation to Engage Police in Learning about Mental Illness. 2nd Annual Research Day Advancing Recovery in Mental Health: Research Across the Continuum. Ontario Shores Centre for Mental Health Sciences. (March). (2013)

Longo, F., LeSage, A., DiGiuseppe, M., Goodman, W.M., Percival, J., De La Rocha, A., Hinch, R., Rodrigues, A., Raby, P., Sanchez, O., Samis, J. Exploring Pathways and Advisor Experiences in a College-University Pathways Program *ONCAT Student Pathways in Higher Education Conference*, Toronto, ON, CA (February 2013)

Goldsworthy, S., Sears, K., and **Goodman, W.M.** Does Simulation Decrease Incidence of Medication Errors In BScN Students? *National League of Nursing Education Summit*, Anaheim, CA (September 20, 2012)

Goodman, W.M. and Sears, K. Measuring Changes in the Distribution of Incident-Outcome Severities, and the Method's Implications for Healthcare Policy. *American Statistical Association, Joint Statistical Meetings*, San Diego, CA. (July-August) (2012)

Goodman, W.M., Ma, Z., and Andrade, A. An Instrument to Quantify Individual Profiles for Responding to the Two Dimensions of Risk (Frequency and Severity). *Decision Sciences Institute, 42nd Annual Meeting*, Boston. (November) (2011)

Goodman, W.M. What If Plato Took Surveys? Thoughts about Philosophy Experiments. *Athens Institute for Education and Research, 6th Annual International Conference on Philosophy*, Athens. (May/June) (2011)

Goldsworthy, S., Sears, K., and **Goodman, W.M.** Is Simulation Education Effective in Undergraduate Nursing Education. *Faculty of Health Sciences Research Retreat, UOIT*, Oshawa, Ontario (May) (2011).

Goodman, W.M. The Undetectable Difference: An Experimental Look at the "Problem" of 'p-Values. *American Statistical Association, Joint Statistical Meetings*, Vancouver. (August) (2010) The presentation slides have been posted on the *Statistical Literacy* website at: www.statlit.org/pdf/2010GoodmanASA6up.pdf

Stanyon, W., Banit, E., Hookway, D., **Goodman, W.M.**, Hinton, C. Using Simulation to Engage Police in Learning about Mental Illness: A Unique Collaboration between a Police Service, a Mental Health Facility, and an Academic Institution. *What Really Works: Strategies to Improve Teaching and Learning; McGraw-Hill Ryerson—Teaching and Learning Conference Series*, at University of Ontario Institute of Technology. (November) (2009)

Goldsworthy, S., Sears, K., and **Goodman, W.M.** Simulation and Medication Administration Safety for Undergraduate Nursing Students. *Health Professionals Education—Global Best Practices in Simulation*, Toronto,

Ontario, (*my portion presented in abstentia*: May 2009).

Stanyon, W., Whitehouse, M., Hinton, C., and **Goodman, W.M.** Using Simulation to Engage Police in Learning about Mental Illness. Health Education Technology Research Unit (HETRU) Presentation, UOIT (April). (2009)

Goodman, W.M. Applying Resampling to Analyze the Sensitivity of a Hypothesis Test to Confounding. *American Statistical Association, Joint Statistical Meetings*, Denver, Colorado, (August). (2008)

Goodman, W.M. and Goldsworthy, S. Interactions of Students' Use of Information Technology with Variables for Motivation and Success within a Laptop Nursing Program: Results of a Four-Year Longitudinal Study. *25th Annual International Nursing Computer and Technology Conference*, San Francisco: Rutgers College of Nursing Center for Professional Development, (June). (2007)

Goldsworthy, S., Sears, K., and **Goodman, W.M.** The Effectiveness of Simulation on Self-Efficacy and Medication Administration Safety for Undergraduate Nursing Students. *18th International Nursing Research Congress Focusing on Evidence-Based Practice*, Vienna, Austria. (July). (2007)

Goodman, W.M., Campbell, T. A Model to Improve the Accurate Assessment of Leveraged Resource Contributions to Agencies that Deliver CPNP or CAPC Programs. (Poster Presentation). *Canadian Association for Health Services and Policy Research (CAHSPR) Conference*, Vancouver, B.C., (September: 2006)

Goldsworthy, S., Sears, K., and **Goodman, W.M.** The Effectiveness of Simulation on Self-Efficacy and Medication Administration Safety for Undergraduate Nursing Students. *24th Annual International Nursing Computer and Technology Conference*, Toronto, Ontario. Rutgers College of Nursing Center for Professional Development, (May). (2006)

Goldsworthy, S. and **Goodman, W.M.** Goal Orientation and Multiple Intelligence and Their Relation to Comfort With Technology. *23rd Annual International Nursing Computer and Technology Conference*, Atlanta, Georgia. Rutgers College of Nursing Center for Professional Development, (April). (2005)

Goodman, W.M. Can Critical Thinking Skills Be Taught? A Study on the Use of Interactive Web-Centric Technologies to Enhance These Skills among Students in a BScN Program. *22nd Annual International Nursing Computer and Technology Conference*, Arlington, Virginia. Rutgers College of Nursing Center for Professional Development, (March). (2004)

Goldsworthy, S. and **Goodman, W.M.** The Adoption of Technology-Based Learning in Nursing: Understanding Intrinsic Motivational Factors. *22nd Annual International Nursing Computer and Technology Conference*, Arlington, Virginia. Rutgers College of Nursing Center for Professional Development, (March). (2004)

- Walsh, M. and **Goodman, W.M.** Key Factors Analysis (KFA)—an ALARA Tool. *Annual Meeting of the Canadian Radiation Protection Agency*, Montreal, Quebec. (2000)
- Walsh, M. and **Goodman, W.M.** Key Factors Analysis (KFA)—an ALARA Tool. *44th Annual Meeting of the Health Physics Society*, Philadelphia, P.A. (1999)
- Ramsay, I. and **Goodman, W.M.** Computer Software for Occupational Health and Safety. *74th Annual Conference of the Industrial Accident Prevention Association (IAPA)*, Toronto. (1991)
- Goodman, W.M.** The Logic of Confidence. *Metro Colleges Mathematics Association*, Toronto. (1990)
- Goodman, W.M.** Choice and Risk. *10th Annual Conference of the Educational Computing Organization of Ontario (ECOO)*, Toronto. (1989)
- Goodman, W.M.** Policy Modeling: An 'Expert System' Application. *Centre for Society, Technology, and Value*. Paper read at University of Waterloo. (1988)
- Goodman, W.M.** Choice and Risk. *26th Annual Conference of the North American Simulation and Gaming Association (NASAGA)*, Lennoxville, Quebec. (1987)
- Goodman, W.M.** and Evans, K.A. Playing the Stock Market. *26th Annual Conference of the North American Simulation and Gaming Association (NASAGA)*, Lennoxville, Quebec. (1987)
- Goodman, W.M.** Providing Hands-On Training at a Distance. *Computers in Education Symposium, Certified General Accountants Association of Ontario*, Toronto. (1987)
- Goodman, W.M.** Computer Models: Their Use in Teaching the Humanities. *7th Annual Conference of the Educational Computing Organization of Ontario (ECOO)*, Toronto. (1986)
- Goodman, W.M.** (1985). The World According to Thales: Some Computer Models of Ancient Greek Philosophies. *Ontario Philosophical Society*, Toronto. (1985)
- Goodman, W.M.** Learning By Doing--With the Language Logo. *"Bag Lunch Seminar" Series*, University of Waterloo. (1983)
- Goodman, W.M.** Logo and Computer Literacy. *University of Toronto/University of Waterloo Cooperative on Information Technology*, Waterloo. (1983)
- Beckwith, S., **Goodman, W.M.**, Higginson, W., and Silverman, B. Logo for Micro Users. *Computer Culture '81*. Toronto. (1981)

11. Invited Lectures *(See also (10): Papers Presented)*

- Goodman, W.M.** Incident-Outcome Severities: Why and How to Measure Changes in their Distributions, for More Effective Safety and Healthcare Management.

(*Faculty Research Lecture Series*), University of Ontario Institute of Technology, (March) (2013)

- Goodman, W.M.** Critical Thinking: How do you know if your decisions are grounded? Lecture for the Oshawa Chapter of the Canadian Association of Administrative Professionals, Oshawa, Ontario (March 2008)
- Goodman, W.M.** Critical Thinking: How do you know if your decisions are grounded? Lecture at McLaughlin Library, Oshawa, Ontario (March 2007)
- Goodman, W.M.** The Facts. Just the Facts. Paper presented at University of Waterloo 30th Anniversary Philosophy Conference. Waterloo, Ontario. (1993)
- Goodman, W.M.** Computers, Knowledge, and Confidence. Paper presented at Trent University. (1991)
- Goodman, W.M.** Towards a Defensible Logic of Confidence. Paper presented at University of Waterloo. (1990)
- Goodman, W.M.** Training Workers For the New Jobs: Can It Be Done? Paper presented at University of Alberta. (1990)
- Goodman, W.M.** Beyond Competence: Preparing for Technological Change. Paper presented at University of Alberta. (1989)
- Goodman, W.M.** Computer-Assisted, Non-Formal Instruction: Meeting Needs of Rural Communities. Paper presented at University of Guelph. (1988)
- Goodman, W.M.** The World According to Thales: Some Computer Models of Ancient Greek Philosophies. Paper presented at University of Waterloo. (1984)
- Goodman, W.M.** Being There and Getting There: A View on the Nature of Models. (With commentary by Dr. Marc Kilgour, Mathematics, Wilfred Laurier University.) Paper presented at University of Waterloo. (1984)
- Goodman, W.M.** Theaetetus, Part II. Paper presented at University of Waterloo. (1983)
- Goodman, W.M.** The Language Logo and Its Uses in Education. Paper presented at University of Waterloo. (1982)
- Goodman, W.M.** The Computer as Teacher. Integrated Studies Department, University of Waterloo. (1982)
- [Texas Instruments representatives], **Goodman, W.M.**, and Martin, Anne Teaching Children with Home Computers. [Televised interview.] *Working World, CFMT*, Toronto, (January 27 edition). (1982)

12. Editorial Roles

Associate Editor. *Case Studies in Business, Industry and Government Statistics* (CSBIGS). (2009-14)

Contributing Editor of a column entitled “The Logo Logician.”. *99'er Home Computer Magazine*. (1983-1984)

Correspondent and regular contributor. *ECOO Newsletter* (Educational Computing Organization of Ontario). (1982-1983)

D. TEACHING ACTIVITIES

13(i): Undergraduate courses taught (with major responsibility for course design)

> Mean (undergrad) evaluation score as of May, 2017, for 35 sections taught and evaluated on a -2 to +2 scale: +1.29 (UOIT & FBIT mean \approx 1.19)

- Statistics (BUSI 1450U)
- Forecasting (BUSI 3450U)
- Operations Management (BUSI 2603U)
- Risk Management (BUSI 3670U)

13(ii): Graduate courses taught (with major responsibility for course design)

- Quantitative Analysis in Business (BUSI 5400G), for MBA and MEngMgt.
- Forecasting (BUSI 5450G)
- Supervised two MEngMgt students' Directed Studies version of Forecasting (ENGR 5004.) Spring 2016 + Winter 2017

13(iii): Graduate and Senior Undergraduate Projects Supervised

- Supervisor for MEngMgt graduate student **Tauqeer Ghazanfar** for 2016
- Supervisor for MBA graduate student project: **David Fisher** 2014/2015. Degree Completed, 2015
- Supervisor for MBA graduate student project: **Jessie Iriwanto** 2014/2015. Degree Completed, 2015
- Supervisor for MBA graduate student project: **Yanan Zhou** Graduated, 2014
- Co-Supervisor for Health Sciences graduate student, **Peter Ioannou** 2012+
- Supervisor for MBA graduate student project: **Asifa Aamir** 2012/2013
- Also: Grading of internship/internship presentations/posters (*several years*)
- Co-Supervisor for Health Sciences graduate student, **Arsalan Afsal** 2011/2012.
- Advisor to several groups of senior-undergraduate **Capstone Project** students
- **David Clark:** For completing his E-Business LL.M. at Osgoode Hall Law School, York University, in 2004, I was his practicum site **supervisor**
- (*Also: Have mentored several graduate students (masters and doctoral), in various programs, on the statistical aspects of their dissertations*)

13(iv): Contributions to graduate course/programs

- External Examiner, for Energy Systems Ph.D. student, Summer 2013, Pouria Ahmadi. "Modeling Analysis and Optimization of Integrated Energy Systems for Multi-Generation Purposes."

- External Examiner, for Energy Systems Ph.D. student, Summer 2013, Mehdi Hosseini. “Investigation of Energy Storage Options for Sustainable Energy Systems”
- Week’s lecture for MITS course on “Decision Theory in Business” (Feb. 2006)

E. SERVICE AND ADMINISTRATIVE POSITIONS

14(i): University Service

{See under A(3): Professional Activities}

14(ii): Professional Service/Consultancies

*External reviewer for journal: Technology, Pedagogy and Education (2016)
(2 papers in 2016)*

*Active contributions to discussions on Statistical method and applications, etc.
on the ASA website*

*{Also, see under: 12: Editorial Roles;
and under: A(5): Professional Affiliations and Activities;
and under: B(6)ii: Research Awards and Contracts }*

14(iv): Community Service. Have included (partial list):

- School Community Council, including parent-survey statistical analysis
- Presentations and volunteer work at schools
- Regular, volunteer musical (piano) programs for seniors