## Curriculum Vitae H. David Smith

Home Address: Work Address: 2127 Warwick Ln. 2029 Sheridan Rd. Glenview, IL 60026 Evanston, IL 60208 Email: hdsmith@northwestern.edu 847-491-4669

#### **Education**

Ph.D. Experimental Psychology, 1993

VIRGINIA COMMONWEALTH UNIVERSITY

Dissertation: "Cognitive Heuristic Use among Children:

Representativeness, Anchoring & Adjustment and Framing Effects"

M.A. Experimental Psychology, 1988

**HOLLINS UNIVERSITY** 

Thesis: "Metamemory and List Learning Strategies"

B.A. Psychology, 1987

**DENISON UNIVERSITY** 

#### **Academic Positions**

Sept. 2011 – NORTHWESTERN UNIVERSITY

Present Distinguished Senior Lecturer in Psychology

Duties: Teach courses in Decision Making, Cognitive Psychology

Research Methods, Statistics (graduate and undergraduate)

Psychology and Music, and Sport Psychology

Sept. 2002 – NORTHWESTERN UNIVERSITY

Sept. 2011 Senior Lecturer in Psychology

May 2002 - NORTHWESTERN UNIVERSITY

Dec. 2004 Associate Director for Research and Evaluation

Searle Center for Teaching Excellence,

Duties: Designed and supervised research program on teaching and

learning in higher education, supervised staff, assisted in

administration of Searle Center

Sept. 2001 - NORTHWESTERN UNIVERSITY

May, 2002 Coordinator of Research and Evaluation

Searle Center for Teaching Excellence,

Duties: Designed and supervised research program on teaching and

learning

Fall, 1999 UNIVERSITY OF MICHIGAN

Visiting Assistant Professor of Psychology (Sabbatical) Taught Decision Processes Lab & conducted research

Fall, 1996 - MIDDLEBURY COLLEGE

Spring 2001 Assistant Professor of Psychology

Taught courses in Child Development, Cognitive Development, Cognitive Psychology (Lab course), Adulthood and Aging, Parapsychology, Adolescence, Psychology and Music

Fall, 1994 - MIDDLEBURY COLLEGE

Spring 1996 Visiting Assistant Professor of Psychology

July 1993- UNIVERSITY OF MARYLAND SCHOOL OF MEDICINE

July 1994 Biostatistician, Department of Epidemiology and Preventative Medicine,

Division of Gerontology

Duties: Designed research projects, analyzed and

interpreted data, participated in grant-funded research projects

Fall, 1992- UNIVERSITY OF RICHMOND

Spring, 1993 Adjunct Professor, Department of Psychology

Taught courses in Child Development, Cognitive Psychology, and

a Graduate Seminar in Developmental Psychology

Fall 1991- VIRGINIA COMMONWEALTH UNIVERSITY

Winter 1993 Graduate Assistant, Survey Research Laboratory

Duties: Analyzed and interpreted data, managed research projects,

completed project summaries

Summer 1990, VIRGINIA COMMONWEALTH UNIVERSITY

Spring 1991, Instructor, Department of Psychology

Summer 1992 Taught courses in Child Development and Developmental

Psychology

### **Evaluation Consultation**

2007 - 2011 External Evaluator: University of Illinois at Chicago ASCEND

(Assuring STEM Credential Expansion through Nurturing

Diversity) Scholars Program. National Science Federation Science,

Technology, Engineering, and Mathematics Talent Expansion

Program (STEP) Program (\$2,000,000 over 5 years)

2006 – 2011 External Evaluator: Oakton Community College Center for

Promoting STEM: A Consistent and District-Wide Approach to Increase STEM Enrollment and Student Success. National Science

Foundation (\$1,000,000 over 5 years)

2004 - 2007	Evaluation Leader: Teacher Labs to Foster Minority Student
	Bioscience Inquiry. National Institutes of Health, National Heart,
	Lung, and Blood Institute (Minority K-12 Initiative for Teachers
	and Students). (\$1,250,000 over 5 years)

1994 – 1995 Consultant: Greater Baltimore Human Development Corporation Duties: Designed program evaluation of grant funded intervention for urban youths in the city of Baltimore

#### **Additional Consultation**

Dec. 2012 Served as an Expert on a Panel Discussion of Risk and Human Judgment and Decision Making to Executives at Allstate Insurance, Recruited by Lieberman Research Worldwide

# **Additional Experience**

Feb Aug.	Psychologist, Central Virginia Training Center
1989	Multi-handicapped Habilitation Unit

Duties: Designed behavior modification programs, administered psychometric tests, worked with an interdisciplinary team to meet the needs of the developmentally disabled residents

#### **Additional Education**

UNIVERSITY OF MICHIGAN, Inter-University Consortium for Political and Social Research (ICPSR) Summer Program in Quantitative Methods, Summer 1992. Participated in workshops on logic of data analysis and multivariate statistics

HEBREW UNIVERSITY (Jerusalem, Israel) Machon Program, Fall 1982-Spring 1983. Spent year abroad in Israel studying in Jerusalem and living on Kibbutz Yahel

#### **Publications**

- Gorvine, B. & **Smith, H.D.** (2015) Understanding How Students Learn in a Psychological Statistics Course Emphasizing Collaborative Learning, <u>Teaching of Psychology</u>, Vol. 41 (1), 56-59.
- Linsenmeier, R., Kanter, D., **Smith H.D.**, Linsenmeier, K., & McKenna, A. (2008) Evaluation of a Challenge-based Human Metabolism Laboratory for Undergraduates. <u>Journal of Engineering Education</u>, April, 213-222.
- Birol, G., McKenna, A., **Smith, H.D.**, Giorgio, T., & Brophy, S. (2007) Development of Challenge Based Educational Modules in the Biotechnology Domain" <u>The</u> International Journal of Engineering Education. 23, 1.

- Yalvac, B., **Smith, H.D.,** Troy, J., and Hirsch, P. (2007) Promoting Advanced Writing Skills in an Upper-Level Engineering Class. <u>Journal of Engineering Education</u>, 96, 2 117-128.
- Yalvac, B., **Smith, H.D.,** Hirsch, P., & Birol, G. (2006) Teaching writing in a laboratory based engineering course with a "How People Learn" framework. New <u>Directions for Teaching and Learning: Developing Student Expertise and Community</u>, 108 59-76.
- Birol, G. Liu, S., **Smith, H.D**., and Hirsch, P. (2006) Educational Modules in Tissue Engineering Based on the "How People Learn" Framework. <u>Bioscience</u> Education E-journal. Volume 7, Article 7-6.
- Hirsch, P., **Smith, H. D.**, Birol, G., Yalvac, B., Casler, J., Anderson, J., & Troy, J. (2005) Establishing School-Wide Standards for Engineering Writing: A Data Driven Approach. <u>Proceedings of the American Society for Engineering Education.</u>
- Hirsch, P. Linsenmeier, J. **Smith, H.D.,** & Walker, J. (2005) Enhancing Core Competency Learning in an Integrated Summer Research Experience for Bioengineers. Journal of Engineering Education, October, 391-401.
- Drane, D. **Smith, H.D.**, Light, G., Pinto, L. & Swarat, S. (2005) The Gateway Science Workshop Program: Enhancing student performance and retention in the sciences through peer facilitated discussion. <u>The Journal of Science Education and Technology</u>, 14, 3 337-352.
- Swarat, S., Drane, D., **Smith, H.D.**, Light, G. & Pinto, L. (2004) Opening the Gateway: Increasing minority student retention in introductory science courses. The Journal of College Science Teaching. Vol 34, 1.
- Kanter, D., **Smith, H.D.**, McKenna, A., Rieger, C., & Linsenmeier, R. (2003) Inquiry-based laboratory instruction throws out the "cookbook" and improves learning Proceedings of the American Society for Engineering Education.
- Birol, G., McKenna, A.F., **Smith, H.D**., Giorgio, T.D. and Brophy, S.P. (2002) Integration of "How People Learn" Framework into Educational Module Development and Implementation in Biotechnology. <u>Proceedings of the Second Joint EMBS-BMES Conference</u> (CD-ROM, Omnipress): 2640-2641.
- Giorgio, T.D., Brophy, S.P., Birol, G., McKenna, A.F. and **Smith, H.D**. (2002) Assessment of Educational Modules Based on the "How People Learn" Framework Delivered to Biotechnology Learners at Two Universities.

  <u>Proceedings of the Second Joint EMBS-BMES Conference</u> (CD-ROM, Omnipress): 2642-2643.

- **Smith, H. D**. (2001) Hip Replacement. <u>Encyclopedia of Aging, 3rd Edition</u>. San Francisco, CA, Salem Press.
- Zimmerman, S. **Smith, H.D**., Gruber-Baldini, A. Fox, K., Hebel, R. Kenzora, J. Felsenthal, G. & Magaziner, J. (2000) [Reprint] Short-term Persistent Depression Following Hip Fracture: A Risk Factor and Target to Increase Resiliency in the Aged. In Keigher, S, Fortune, A. & Witkin, S. (Eds.) <u>Aging and Social Work: The Changing Landscapes</u>, Washington, D.C. NASW Press.
- **Smith, H. D**. (2000) Test Bank to Accompany John Anderson's <u>Cognitive Psychology</u> and <u>Its Implications</u>. Fifth Edition. New York, NY. Worth Publishers.
- **Smith, H.D**. (1999). Use of the anchoring and adjustment heuristic by children. <u>Current Psychology: Developmental, Learning, Personality, Social, 18,294-300</u>.
- Zimmerman, S. **Smith, H.D**., Gruber-Baldini, A. Fox, K., Hebel, R. Kenzora, J. Felsenthal, G. & Magaziner, J. (1999) Short-term Persistent Depression Following Hip Fracture: A Risk Factor and Target to Increase Resiliency in the Aged. <u>Social Work Research</u>, 23, 3,187-196.
- Smith, H.D., Stasson, M.F. & Hawkes, W.G. (1998/1999) Dilution in legal decision making: The effect of nondiagnostic information in depends on the amount of diagnostic evidence. <u>Current Psychology: Developmental, Learning, Personality, Social.</u> 14, 4 333-346.
- **Smith, H.D**. (1998) Misconceptions of chance: Developmental differences and similarities in the use of the representativeness heuristic. <u>Psychological Reports</u>, 83, 703-707.
- Smith, H.D. (1994) <u>Introductory Psychology: A Study Guide</u>. Collegiate Publishing Research Network, Indpls. IN
- Smith, H.D, & Shortz, J.L. (1994) <u>Human Growth and Development: A Study Guide</u>. Collegiate Publishing Research Network, Indpls. IN
- Smith, H.D. & Wagner, C. (1993). <u>Abnormal Psychology: A Study Guide.</u> Collegiate Publishing Research Network, Indpls. IN
- Stasson, M., Hawkes, W. **Smith, H.D**. & Lakey, W. (1993). The effects of probability ambiguity on preferences for uncertain two-outcome prospects. Bulletin of the Psychonomic Society, 31 (6) 624-626.
- Ellis, S & **Smith, H.D**. (1990) [Review of sibling interaction across cultures: Theoretical and methodological issues]. <u>Child Development Abstracts and Bibliography</u>. 64, 2, 130-131.

#### **Presentations**

- Smith, H. D. & Gorvine, B. (2016) <u>Does an Effective Team Place You above the Mean?</u>

  The Role of Group Cohesion in a Psychological Statistics Course That

  Emphasizes Collaborative Learning. Poster presented at the annual meeting of the National Institute on the Teaching of Psychology (NITOP), St. Peterserg, FL.
- Gorvine, B. & Smith, H.D. (2015) <u>Is Forgetting Statistics Content a "Standard" Error?</u>: <u>Retention of Statistical Knowledge Over Time for Undergraduate Psychology Students</u>. Poster presented at the annual meeting of the Association for Psychological Science, New York, NY.
- Gorvine, B. & **Smith, H.D.** (2014) <u>Teamwork and Technology in Tandem</u>. Poster presented at the annual meeting of the Association for Psychological Science, San Francisco, CA.
- Smith, H.D., & Gorvine, B. (2014) <u>Does the Use of "Clicker" Classroom Technology</u>
  <u>Link to Measurable Gains in Student Performance?</u> Poster presented at the annual meeting of the Midwestern Psychological Association, Chicago, IL
- Smith, H.D., & Hearn, R. (2013) <u>Expert Bias in a Real World Setting: Do NBA officials</u>
  Display Favoritism Toward Star Players? Poster presented at the annual meeting of the Association for Psychological Science, Washington, D.C.
- Smith, H.D., & Gorvine, B. (2013) <u>The Post-Clicker Era: A personal response system that utilizes cell and smartphones.</u> Poster presented at the annual meeting of the Association for Psychological Science, Washington, D.C.
- Smith, H.D., & Gorvine, B. (2011) <u>There's No I in Team: Feelings Toward Group Work Predict Academic Performance in an Undergraduate Statistics Course Emphasizing Team Learning.</u> Poster presented at the annual meeting of the Association for Psychological Science, Washington, D.C.
- Chalifoux LA, Park CS, Olson SE, Higgins KE, & **Smith H.D.** (2010) <u>Inter-rater</u>

  <u>Reliability of Competency-specific vs. Generalized Checklists for the Evaluation of Resident Performance in Simulated Critical Events</u>. Poster presented at the annual meeting of the American Society of Anesthesiology, San Diego, CA.
- Park CS, Higgins KE, **Smith H.D**., Theilken LS, Wade BS. (2010) <u>A Comparison of Self and External Performance Ratings in Simulated Critical Events</u>. Poster presented at the annual meeting of the American Society of Anesthesiology, San Diego, CA.
- Wang, T., **Smith, H.D.,** Liu, G., Kotowski, J., Rudden, D., & Sompolski, B. (2008)

  <u>Differences between STEM Students and Non-STEM Students at Community</u>

  <u>Colleges</u>. Paper presented at the annual meeting of the Illinois Section of the Mathematical Association of America, Charleston, IL.
- Marczuk, O., O'Koon, J., & **Smith, H.D.** (2008) <u>Fathers Know Best: Differences</u>

  <u>between parents' and teachers' assessments of behaviors related to poor academic achievement in reading.</u> Paper presented at the annual meeting of the Midwestern Psychological Association, Chicago, IL.
- Drane, D., **Smith, H.D**., Light, G., & Swarat, S. (2005) <u>Supporting Innovative Freshman Study: The Engineering Workshop Program.</u> Paper presented at the annual conference of the American Society for Engineering Education, Portland, OR.
- Drane, D., **Smith, H.D**., Light, G., Swarat, S., Chow, B. & Pinto, L. (2005) <u>A Program to Reduce the Minority-majority Achievement Gap in Undergraduate Biology.</u>

  Paper presented at the annual meeting of the American Educational Research Association, Montreal, Canada.

- Hirsch, P. **Smith, H.D.**, Yalvac, B., Casler, J., Anderson, J. & Troy, J. (2005)

  <u>Establishing school-wide standards for engineering writing: A data driven approach</u>. Paper presented at the annual conference of the American Society for Engineering Education, Portland, OR.
- Yalvac, B., Myint, M., **Smith, H.D**., Liu, S & Birol, G. (2004) <u>Teaching about ethics in an authentic learning environment: Laboratory experiments using animals</u>. Paper presented at the annual conference of the Biomedical Engineering Society, Philadelphia, PA.
- Troy, J., Hirsch, P., & **Smith, H.D.** (2004) <u>Team-based written communication exercises</u> for biomedical engineering juniors: Where to do it and what works. Paper presented at the annual conference of the American Society for Engineering Education, Salt Lake City, Utah.
- Smith, H.D., Drane, D., Swarat, S., Light, G. (2004) Improving Student Performance and Retention in the Sciences Through Peer-Facilitated, Problem-Based Discussion. Paper presented at the annual meeting of the American Educational Research Association, San Diego, CA.
- Drane, D., **Smith, H.D**. Swarat, S. & Pinto, L. (2004) <u>Improving Minority Performance</u> and Retention in the Sciences: <u>The Impact of the GSW Program</u>. Paper presented at the annual meeting of the American Educational Research Association, San Diego, CA.
- Swarat, S., **Smith, H.D**., Drane, D., Light, G.(2003). <u>Expanding the Gateway: Improving student retention in introductory science courses</u>. Paper presented at the Peer-Led Team Learning National Leadership Conference, New York, NY.
- Smith, H.D., Walker, J.M.& Hirsch, P. (2003) <u>Assessing core competency instruction</u> in <u>Biomedical Engineering: Issues and Approaches.</u> Paper presented at the annual meeting of the Biomedical Engineering Society, Nashville, TN.
- Linsenmeier, R. A., Kanter, D., **Smith, H.D.**, Rieger, C. & Mckenna, A. (2003) <u>A challenge-based indirect calorimetry laboratory</u>. Paper presented at the annual meeting of the Biomedical Engineering Society, Nashville, TN.
- Hirsch, P.L., Light, G., **Smith, H.D.**, Mckenna, A. (2003) <u>Developing a model of core competency instruction (CCI) in Biomedical Engineering</u>. Paper presented at the annual meeting of the Biomedical Engineering Society, Nashville, TN.
- Birol, G. **Smith, H.D**., Hirsch, P. (2003) <u>Embedding communication instruction in educational modules: Microbial Kinetics and Gene Transfer</u>. Paper presented at the annual meeting of the Biomedical Engineering Society, Nashville, TN.
- Streitwieser, B. T., Swarat, S., Drane, D., **Smith, H. D.**, Kjeldgaard, E., Spencer, T., Light, G., & Pinto, L. (2003). <u>It's a more effective answer than I've seen in 20 years: The Gateway Science Workshop Program at Northwestern University.</u> Paper presented at the Fifth Annual Chicago Symposium on Excellence in Teaching Mathematics and Science Research and Practice, Chicago, IL.
- J., Balachandran, B.V., Light, G. **Smith, H. D.**, & Bonk, B. (2002) <u>A</u>

  <u>multifaceted approach to measuring progress in achievement: Foreign language learning at Northwestern University</u>. Paper presented at the Mellon Foundation Conference, Evanston, IL.
- Spencer, J., Balachandran, B.V., Light, G. **Smith, H. D.**, & Bonk, B. (2002) <u>French, Spanish, & German instruction with web based modules</u>. Paper presented at the Mellon Foundation Conference, Evanston, IL.

- Giorgio, T.D., Brophy, S.P., Birol, G., McKenna, A.F., & Smith, H.D. (2002)

  <u>Assessment of educational modules based on the "How People Learn" framework delivered to Biotechnology learners at two universities</u>. Paper presented at the annual fall meeting of the Engineering in Medicine and Biology Society and the Biomedical Engineering Society, Houston, TX.
- Birol, G., McKenna, A., **Smith, H.D.**, Giorgio, T. & Brophy, S. (2002)

  <u>Integration of the "How People Learn" framework into educational module development and implementation in Biotechnology</u>. Paper presented at the annual fall meeting of the Engineering in Medicine and Biology Society and the Biomedical Engineering Society, Houston, TX.
- Light, G., **Smith, H.D**., Swarat, S. & Drane, D. (2002) <u>The Gateway Science Workshop Program in Biology</u>. Paper presented at the annual Lilly Conference on College Teaching, Oxford, OH.
- Smith, H.D., Light, G., Drane, D. Swarat, S., Spencer, T., Kjeldgaard, E. & Munkeby, A.. (2002) Enhancing student experiences in Engineering courses through peer facilitated discussion. Paper presented as part of a symposium organized by Ann McKenna (Engineering Education Reform: Multiple Perspectives on Improving Curricula) at the annual conference of the Association for the Study of Higher Education, Sacramento, CA
- Osca, K. & **Smith, H.D.** (2002) <u>Language Learning On-Line: An assessment of attitudes, values, and behaviors</u>. Paper presented at Council on Language Instruction Language Symposium, Measuring up: Assessing Curriculum, Teaching, and Learning, Evanston, IL.
- Costa, R. & Smith, H.D. (2002) <u>Driving me to distraction: Attentional</u> demands and their influence on social judgment. Paper presented at the annual meeting of the Midwestern Psychological Association, Chicago, IL.
- Light, G., **Smith, H. D**., Swarat, S., Pinto, L. & Drane, D. (2002) <u>The Gateway Science Workshop Program: Enhancing student performance in science courses through peer facilitated discussion of advanced conceptual problems.</u> Paper presented at the annual meeting of the American Association for Higher Education, Chicago, IL.
- **Smith, H.D.** & Blake, J. (2001) The effect of mood and frame on risky choices. Paper presented at the annual meeting of the Midwestern Psychological Association, Chicago, IL.
- Smith, H.D., Gonzalez, R., Yates, J.F. & Riis, J. (2000) Overconfidence in groups: An integrative model. Paper presented at the annual meeting of the Psychonomic Society, New Orleans, LA.
- Smith, H.D. & Byrnes, A. (2000) The influence of frame and victim responsibility on physicians' evaluation of safe or risky treatment options. Paper presented at the annual meeting of the Society for Judgment and Decision Making, New Orleans, LA.
- Burns, M. E. & **Smith, H. D**. (1999) The influence of frame, format, and domain on children's decision making. Paper presented at the annual meeting of the Society for Judgment and Decision Making, Los Angeles, CA.
- Stasson, M. & **Smith, H.D**. (1999) <u>Strength of diagnostic information as</u>
  <a href="mailto:a moderator of the dilution effect">a moderator of the dilution effect</a>. Paper presented at the annual meeting of the Midwestern Psychological Association, Chicago, Illinois.

- Smith, H.D. & Burns, E. (1998) <u>Allocation of medical resources: The influence of frame of reference, just world beliefs and responsibility for one's condition.</u> Paper presented at the annual meeting of the Society for Judgment and Decision Making, Dallas, Texas.
- Smith, H.D., Stasson, M. & Hawkes, W. (1997) <u>Diagnosticity and the dilution effect:</u>
  <u>Is more diagnostic information less prone to dilution?</u> Paper presented at the annual meeting of the Society for Judgment and Decision Making, Philadelphia, PA.
- **Smith, H.D**. (1997). Children's use of the availability heuristic. Paper presented at the annual meeting of the Eastern Psychological Association, Washington, D.C.
- Smith, H.D., Hawkes, W. & Stasson, M. (1996) The dilution effect: Under what conditions will non-diagnostic information affect judgments? Paper presented at the annual meeting of the Eastern Psychological Association, Philadelphia, PA.
- Smith, H.D. (1995). <u>Judgmental heuristic use among children: A preliminary investigation</u>. Paper presented as part of a symposium entitled "Children's use of heuristics and intuitive reasoning: What develops?" (Organized by Janis Jacobs) at the biennial meeting of the Society for Research in Child Development, Indianapolis, In.
- Smith, H.D., Zimmerman, S., Hebel, J.R., Fox. K., & Magaziner, J. (1994). <u>The importance of depressive symptoms through two months following hip fracture.</u>
  Paper presented at the annual meeting of the Gerontological Society of America, Atlanta, GA.
- Stasson, M., **Smith, H.D**., Hawkes, W., & Lakey, W. (1994). <u>Probability ambiguity and likelihood of success as moderators of framing effects.</u> Paper presented at the meeting of the American Psychological Society, Washington, D.C.
- **Smith, H.D**. & Leahey, T.H. (1993). <u>Cognitive heuristic use among children.</u> Paper presented at the meeting of the Eastern Psychological Association, Washington, D.C.
- Smith, H.D. & Ledger, G. (1992). <u>Metamemory, free recall, and categorization</u> <u>training: Implications for the study of the production deficiency</u>. Paper presented at the meeting of the Virginia Psychological Association, Roanoke, VA.
- Smith, H.D., Stasson, M. & Hawkes, W. (1992). <u>The dilution effect: Does nondiagnostic information always dilute judgments?</u> Paper presented at the meeting of the Southeastern Psychological Association, Knoxville, TN.
- Stasson, M. Lakey, W. Hawkes, & **Smith, H.D**. (1991). <u>Degree of ambiguity</u> <u>preference for prospects with two outcomes</u>. Paper presented at the annual meeting of the Society for Judgment and Decision Making, San Francisco, CA.
- Ellis, S., Schneiders, B. & **Smith, H.D**. (1991) <u>Children's Collaborative Problem</u>
  <u>Solving: Effects of expertise in the context of relationships.</u> Paper presented at symposium entitled "The role of expertise in collaboration" (E. Forman, organizer) at the meeting of the Jean Piaget Society, Philadelphia, PA.

## **Media Appearances**

Interviewed by WGN news anchor Larry Potash about the Psychology of Doomsday Prophecy Belief, aired February 27, 2012

#### **Invited Talks**

How our knowledge of Cognitive Psychology can aid in the journalistic interview. Presentation to graduate students in the Medill School of Communication, Northwestern University, April, 2011

<u>Improving Instruction by Understanding Thinking and Learning</u>, Presentation to Fellows of the Caterpillar Faculty Scholars Workshop, University of Illinois College of Medicine at Peoria, March, 2009

<u>Helping Students Learn by Understanding How They Think,</u> Presentation to Fellows of the Caterpillar Faculty Scholars Workshop, University of Illinois College of Medicine at Peoria, December, 2006

<u>Higher Order Processes: Encouraging Thinking through Lecture, Discussion and Peer Collaboration</u>, Presentation to Fellows of the Caterpillar Faculty Scholars Workshop, University of Illinois College of Medicine at Peoria, March, 2003

Theories of Learning: Implications of the Results of Cognitive Science Research for Training Medical School Students, Presentation to Fellows of the Caterpillar Faculty Scholars Workshop, University of Illinois College of Medicine at Peoria, December, 2002.

<u>Pictures Worth a Thousand Words: The Role of Visual Imagery in Learning and Memory:</u> Presentation to Instructional Support Services, Oakton Community College, January, 2002.

Are Three Heads Better Than One? Accuracy and Confidence in Social Prediction: Paper presented as part of the Middlebury College Faculty Lecture Series, January, 2001.

<u>Children's Use of Cognitive Heuristics</u>: Paper presented to the Decision Behavior Consortium at the University of Michigan, February, 2000.

### Workshops

<u>Conducting Research on the Scholarship of Teaching and Learning</u>, Eugene Applebaum College of Pharmacy and Health Sciences, Wayne State University, December, 2013

<u>Wisdom for Successful Candidates</u>: Workshop sponsored by the American Psychological Association, Chicago, IL, May 2001.

<u>Teaching Philosophy Writing Workshop</u>, Beyond Books Workshop Series, Searle Center for Teaching Excellence, Northwestern University, October, 2001.

#### **Grants and Financial Awards**

Northwestern University Weinberg College of Arts and Sciences (WCAS) Course Enhancement grant: \$400 to support an undergraduate poster session (2014, 2015)

Northwestern University Weinberg College of Arts and Sciences Hewlett Fund for Curricular Innovation Grant: \$2000 awarded to support the use of the Top hat Monocle platform, a personalized response system that utilizes smart phone technology to engage students (2012)

Northwestern University Department of Psychology Family Institute Grant: \$2,280 awarded to support an investigation of long term retention of statistical content after taking a Psychological Statistics course (2011)

Northwestern University Lecturer Travel Award: \$1,000 (2011) awarded to support Association for Psychological Science conference presentation

Murphy Society: \$45,550 (Co-Investigator) awarded for developing communication standards for undergraduate students of the McCormick School of Engineering, Northwestern University (2004)

Roddy Fellowship: \$6,000 (Principle Investigator) awarded for the study of medical decision making and the support of an undergraduate research assistant (1998)

Middlebury Undergraduate Collaborative Research Fund: \$990 student support award (1997)

## **Honors and Special Recognition**

PANHELLENIC FACULTY APPRECIATION AWARD RECIPIENT, Northwestern University, 2013

NOMINATION – FACULTY MEMBER OF THE YEAR, Northwestern University Undergraduate Psychology Association, 2006

NOMINATION – FACULTY APPRECIATION AWARD, Middlebury College, 2001 OUTSTANDING EXPERIMENTAL PSYCHOLOGY STUDENT AWARD, Virginia Commonwealth University, 1993

PHI KAPPA PHI - National Honor Society, 1993

STUDENT SUPPORT AWARD - Virginia Commonwealth University, 1992, 1993

PSI CHI - National Psychology Honor Society, 1988

PSYCHOLOGY FELLOWSHIP AWARD - Hollins University, 1987

### **Professional Activities**

Membership in Professional Organizations
Association for Psychological Science
American Association for Higher Education
Midwestern Psychological Association
Society for Judgment and Decision Making

### **Editorial Activities**

Ad Hoc Manuscript Reviewer: <u>Child Development</u>, <u>Merrill-Palmer Quarterly</u>, <u>Journal of Applied Gerontology</u>, <u>Cognitive Psychology</u>, <u>Applied Psychology Bulletin</u>

Ad Hoc Text Reviewer: Sage Publications, Prentice Hall Publishers, Brooks Cole Publishers, Worth Publishers

Supplements Editor: Tavris, C. & Wade, C. (1995). <u>Psychology in Perspective</u>. Harper Collins Publishers: NY, NY

Editorial Consultant: Morris, C. G. (1991). <u>Psychology: An Introduction</u>,7th edition. Prentice Hall: Englewood Cliffs: New Jersey.

### Research Interests

Cognitive Development: scientific reasoning in children, probabilistic reasoning in children, children's use of cognitive heuristics, social interaction and cognitive development

Adult Cognition: rationality, scientific reasoning, cognitive heuristics and biases, judgment and decision-making, superstition

Education: assessment and evaluation, collaborative learning, fostering scientific reasoning, teaching communication

## **Undergraduate Courses Taught**

Advanced Statistics, Sportistics: Understanding Sports Through Statistics, Cognitive Psychology (Laboratory), Decision Processes (Laboratory), Judgment and Decision Making, Sport Psychology, Cognitive Development, Psychology and Music, Research Methods, Introductory Statistics, Child Development, Life Span Development, Adulthood and Aging, Adolescence, Parapsychology

## **Graduate Courses Taught**

Statistics for Experimental Design (ANOVA), Linear Models (Correlation and Regression), Teaching of Psychology