

## CURRICULUM VITAE

### MARY ELIZABETH CAMP

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#### Professional Teaching and Administrative Experience

**Coordinator and Assistant Clinical Professor, E370--Statistical Analysis for Business and Economics, Department of Economics, Indiana University at Bloomington, August 2001 to present.**

**Coordinator and Lecturer, E370--Statistical Analysis for Business and Economics, Department of Economics, Indiana University at Bloomington, August 1999 to July 2001.**

E370 is an Excel-based lecture/lab course in applied statistics covering descriptive statistics through multiple regression. Coordinator is responsible for all parts of the delivery of the E370 courses throughout the normal academic year, including the selection of textbook and ancillary materials for use in all sections of E370, the setting of common standards, and the creation of a common final exam.

- Articulated course concept core to assist with the standardization of the course over all semesters.
- Created a course workbook for student use including a set of student-completed statistics “tool cards” for use after the course is completed.
- Fully integrated active learning techniques and WarmUp Activities in the delivery of large Statistics sections.
- Researched and wrote an E370 Manual of Policies, Practices, Forms and Job Descriptions used in administering the course.
- Taught 700 students in two sections of E370 each semester of the normal academic year, and one small section during summer sessions.
- Coordinated and managed one additional tenured faculty lecturer, 13 Graduate Assistant graders, 13 Associate Lab Instructors, 8 Undergraduate Interns, and one non-dedicated professional support staff.
- Wrote or supervised the writing of all supplementary materials used in all sections of E370 for the academic year. Prepared any additional miscellaneous materials for web site posting and supervised their posting.
- Held weekly meetings with the full E370 teaching staff to coordinate activities, ensure consistency of grading, and discuss pedagogy.

Assigned responsibility for and supervised the creation of homework assignments, homework answer sets, and lab activities. Made provision in meeting schedules for presentation, demonstration, and evaluation of activities.

- Met regularly with other lecturers to ensure operation at the same pace and the coverage of the same material at the same depth. Prepared drafts of all exams for fine tuning in consultation with other lecturers.
- Determined the equivalence of courses other than E370 to E370. Determined the approval of waivers of M118–Finite Math as a prerequisite for E370.

**Visiting Lecturer, E201–Introduction to Microeconomics, Fall Semester 1998, E202–Introduction to Macroeconomics, Spring Semester 1999, Department of Economics, Indiana University at Bloomington.**

- Taught 1300 students in two large sections using a lecture/discussion section format, with the assistance of 13 graduate teaching assistants and 7 Undergraduate Interns.
- Emphasized student development of analytical and problem-solving skills by requiring students to apply theory to real-world problems, practice distinguishing between fact and opinion, perform analysis, draw inferences from observations and synthesize predictions.
- Guided student engagement in interactive lecture, collaborative learning, written projects and applied examinations. Fostered a “small class feel” with the use of a course specific Web site, e-mail and news groups.
- Planned internship activities for teaching assistants in objective-building, syllabus creation, lesson plan development, assignment design and evaluation, classroom management, presentation skills and classroom “persona” development.
- Mentored teaching assistants in student/instructor dynamics, collaborative learning, and lecture development. Critiqued and guided teaching assistants through lecture experiences to a large class. Supervised and guided “norming” sessions for project grading.

**Tutor, Writing Tutorial Service, Indiana University at Bloomington August 1996 to August 1998**

- Assisted professors with designing and implementing writing assignments that promote teaching objectives for courses including marketing, ecology, economics, business systems and business law.
- Guided student assignment interpretation, argument organization, language clarification, and grammar skill improvement in the context of student written projects.
- Designed pamphlet for student reference including proofreading tips, grammatical rules for common errors, and editing suggestions.

**Associate Instructor**, Department of Economics, Indiana University at Bloomington for ten semesters, Fall 1992 through Spring 1998

## **Awards**

***Teaching Excellence Recognition Award***, bestowed university-wide to selected teachers in all disciplines; granted April 2000 by action of the Trustees of Indiana University at Bloomington.

***Daniel J. Duesterberg Award***, bestowed to one graduate student annually, whose research concerns issues of public policy as they relate to improvement of economic welfare; granted April 1998 by action of the Economics Department of Indiana University at Bloomington.

***Teaching Excellence Recognition Award***, bestowed university-wide to selected teachers in all disciplines; granted May 1997 by action of the Trustees of Indiana University at Bloomington.

***Outstanding Introductory Associate Instructor***, bestowed to one Introductory Economics Associate Instructor in the Department of Economics annually, granted April 1996 by action of the Economics Department of Indiana University at Bloomington.

***Fellow in Economics***, awarded academic year 1990-91 by the Economics Department of the University of Illinois at Champaign-Urbana.

***Excellence in Economics*** award, granted May 1990 by the Department of Business and Economics at Indiana University at South Bend.

***Tuition Fellowships***, awarded eight of eight semesters August 1991 through January 1995 by the Economics Department of Indiana University at Bloomington.

## **Education**

**Ph.D. Economics, Indiana University at Bloomington**

Degree Granted: November, 2001

Dissertation Title: ***Meta-Analysis: Would Arrow Say it Is Possible?***

Fields of Study: Economics of Health and Education  
Industrial Organization

**M.A., Economics, Indiana University at Bloomington, 1995**

Graduate Economics Course work, academic year 1990-1991  
**University of Illinois at Champaign-Urbana**

Graduate Preparatory Course work in Economics, Mathematics and Education,  
academic years 1988-1990, **Indiana University at South Bend**

**B.A., Anthropology, University of Michigan at Ann Arbor, 1976**

## Related Training

**Categorical Data Analysis: Introduction to Regression Models for Discrete Outcomes**, The Institute fo Social Research Summer Intensive Program, Indiana University, Bloomington, Indiana, 2001.

**Identifying and Applying for Federal, Foundation & Corporate Grants**, sponsored by RAMS-FIE, Detroit, August 1998. Trained to identify and assess funding ideas and opportunities, to work with sponsors to develop and refine grant applications, and to manage an award.

**Proposal Writing for Faculty and Researchers**, sponsored by RAMS-FIE, Detroit, August 1998. Trained to assess sponsor guidelines and requirements, write effective proposals, analyze components of proposal narratives and budgets, and maximize strategies for application success.

## Grants

Pew Faculty Inquiry Circle grant, May 2004-August 2005

## Reviewer and Consultant Experience

**Consultant for Prentice-Hall**, 2003 to present, developing a version of *Business Statistics*, 6 th edition, Groebner, Shannon, Fry and Smith.

- Working with development editor to create a hybrid text/workbook from an existing text.

**Reviewer for South-Western Publishing**, 2003, *Essentials of Statistics for Business and Economics*, 4 th edition, Anderson, Sweeney and Williams.

**Consultant for McGraw-Hill Irwin**, *Statistical Techniques in Business and Economics*, Mason, Lind, & Marchal, 12<sup>th</sup> edition.

- Edited text for consistency and accuracy of numerical answers throughout the text and ancillaries, focusing on the student's point of view.

**Consultant for McGraw-Hill Irwin**, 2003

- Consulted with Statistics software developers, Statistics text book developers and developers of Statistics tutorial software integrating artificial intelligence capabilities.

**Reviewer for McGraw-Hill Irwin**, 1999 to present, *Statistical Techniques in Business and Economics*, Mason, Lind, & Marchal, 10<sup>th</sup> and 11<sup>th</sup> editions.

- Recorded teaching experience with 10<sup>th</sup> edition in daily journal; wrote evaluation of same at end of semester. Read and commented on changes made for 11<sup>th</sup> edition.

Expert Consultant, Paul E. Marsh, *What Does Camp Do for Kids?: A Meta-Analysis of the Influence of the Organized Camping Experience on the Self Constructs of Youth*, Master's Thesis, Indiana University Department of Recreation and Park Administration, 1998 to 1999.

- Guided student in selection of appropriate meta-analytic techniques and practices; critiqued and approved student created data-gathering instruments in consultation with other professionals.

## Research and Administrative Experience

**Assistant Director, The Center for Law and Health, Indiana University School of Law-Indianapolis**, September 1992 through August 1994

**Graduate Assistant, Department of Economics, Indiana University at Bloomington** August 1991 to May 1992

**Department Tutor and Research Assistant, School of Business and Economics, Indiana University at South Bend** May 1989 to July 1990

**Administrative Assistant to the Dean, School of Education, Indiana University at South Bend** May 1989 to July 1990

**Area Representative, American Cancer Society**, Michigan Division, September 1985 to August 1987.

**Area Director, American Cancer Society**, Michigan Division, September 1987 to September 1988.

**Secretary-Treasurer and Business Manager, Queen's Wardrobe, Inc.**, Niles, Michigan, December 1976 to August 1985

## Publications and Working Papers

"A Snapshot of Student Perceptions: Anxieties and Skills in an Introductory Statistics Course". Mimeo. September, 2004.

*Introduction to Statistics for Economics and Business E370 Course Workbook*, Plymouth: Hayden-McNeil Publishing Inc., 2005.

*Introduction to Statistics for Economics and Business E370 Laboratory Manual*, Plymouth: Hayden-McNeil Publishing Inc., 2005.

*Introduction to Statistics for Economics and Business E370 Course Workbook*, Plymouth: Hayden-McNeil Publishing Inc., 2004.

*Introduction to Statistics for Economics and Business E370 Laboratory Manual*, Plymouth: Hayden-McNeil Publishing Inc., 2004.

"What Can We Learn about Math Phobia in the Student's Struggle to Learn Statistical Concepts?" Mimeo. September, 2003.

***Introduction to Statistics for Economics and Business E370 Course Workbook***,  
Plymouth: Hayden-McNeil Publishing Inc., 2003.

Sampling Distributions: An Experimental Approach to Teaching Statistics”, with  
Sandra Hanson McPherson, submitted to Journal of Economics and Economic  
Education Research.

“Serious Illness and Private Health Coverage: A Unique Problem Calling for Unique  
Solutions,” co-authored with ED Kinney, DA Freund, KA Jordan, and MC  
Mayfield. *Journal of Law, Medicine and Ethics*. 25(2): Summer 1997.

“Meta-Analysis: More Certainty or Less?” Mimeo. April 1996.

“Health Insurance Adequacy: An Index.” Mimeo. March 1996.

“Medicaid and Labor Supply: A Look at Models, Variables and Estimates.” Mimeo.  
November 1994.

“An Hedonic Analysis of Pharmaceuticals Prices in Bloomington, Indiana.” Mimeo.  
May 1994.

## **Presentations**

**International Society for the Scholarship of Teaching and Learning (IS-SOTL) October  
21 – 24, 2004.** A Snapshot of Student Perceptions: Anxieties and Skills in an  
Introductory Statistics Course

**Community Health Care Foundation, Inc.,** October 1999. *Health Care Models and  
Facts: Where are we?*

**Indiana University Department of Education,** November 1998. *Meta-analysis: An  
Index of Conformity.*

**Indiana University Microeconomics Workshop,** March 1997. Dissertation proposal  
defense: *Meta-analysis: Would Arrow Say It Is Possible?*

**Indiana University Department of Education,** March 1996. *Meta-analysis: What is it?*

**Greater Bloomington Chamber of Commerce,** SCORE volunteers, April 1995.  
*Innovations in Teaching Economics.*

**ASMLE Health Law Teachers Conference,** Indianapolis, Indiana, June 1994. *Getting  
Started In Empirical Research* with KA Jordan.

**Annual Meeting of the American Association for Public Opinion Research,** Danvers,  
Massachusetts, May 1994. *Pushing the Envelopes (Literally and Figuratively)  
in a Mixed-Mode Survey to Collect Health Insurance Information* co-authored  
with JM Kennedy, T Taylor, ED Kinney, KA Jordan and DA Freund. Presented  
by JM Kennedy.

University of Louisville School of Law, March 1994. *Economics and Health*.

Indiana University School of Law–Indianapolis, March 1993 and 1994. *Economics and Health*.

### **Research Interests**

Teaching Statistics, Teaching Economics, Divorce, Catastrophes and Communities, Education, Health, Meta-analysis.

### **Professional Affiliations**

**FACET Faculty Colloquium on Excellence in Teaching, Associate Faculty Annual Conferences 2001, 2002, 2003**

**American Statistical Association**

**American Mathematical Association**

**American Economic Association**