

# Monica Liddle

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## PROFILE

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- Committed to improving student learning outcomes through the implementation of active learning techniques and fostering a sense of community in the classroom
- Dedicated to the assessment of student learning outcomes to improve teaching and learning at the course, program, and institutional levels
- Experience with a variety of teaching methods including service-learning, team-based learning and flipped classrooms

## EDUCATION

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2005 University at Albany, Albany, NY

### ***Ph.D. Curriculum and Instruction***

Dissertation: The Interaction Between Visual and Analytic Thinking in Determining Domain and Range

1995 University at Albany, Albany, NY

### ***M.A. Mathematics***

1993 SUNY Potsdam, Potsdam, NY

### ***B.A./M.A. Mathematics***

## TEACHING & PROFESSIONAL EXPERIENCE

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August 1999 – Present  
NY

**State University of New York at Delhi,**

### ***Professor of Mathematics and Teacher Education***

- Classes taught: Elementary Algebra, Applied Mathematics (in partnership with local businesses), Contemporary Math, College Algebra, Statistics, Trigonometry, Precalculus, Calculus I & II, Calculus III (independent study), Linear Algebra (independent study), Mathematics for Elementary Teachers I & II, Foundations of Education, Diversity & Teaching, Freshman Seminar, Mathematics of Finance (co-taught)
- Implementation of student observations of local teachers, service-learning, and team-based learning

January 2012 – Present

**State University of New York at Delhi, NY**

### ***Coordinator of Institutional Effectiveness and Assessment***

- Work with programs and functional areas to develop, review and revise assessment practices and program review efforts in order to improve teaching, learning, and student services
- Develop faculty and staff training workshops for all aspects of the assessment cycle
- Create and maintain assessment database and reporting system
- Chair and/or serve on campus-wide Assessment Committee responsible for: the creation of campus-wide student learning outcomes, providing feedback and guidance across campus, and the development of bi-annual assessment days
- Facilitate cross-curricular assessment efforts including the development of rubrics, collecting results, developing action plans for improvement, and closing the loop

- Received the college's first Achievement in Assessment Award

August 1998 – May 1999  
NY

State University of New York at Cobleskill,

***Visiting Instructor***

- Classes taught: Statistics, Intermediate Algebra
- Developed lesson plans, presentations and learning activities

August 1995 – August 1999  
NY

PricewaterhouseCoopers, Syracuse,

***Associate Actuary***

- Utilized data regarding life expectancies, retirement age, and investment income to determine the amount of funding required for pension plans

**HIGHER EDUCATION SERVICE**

August 1999 – Present  
NY

State University of New York at Delhi,

**Academic Advisor**

- Support and advise approximately 20 students per semester
- Meet with advisees at least two times throughout semester for academic advice, transfer and career planning, and guidance for college life
- Trained colleagues to serve as advisors to work with prospective students of the Teacher Education Transfer program

August 1999 – Present  
NY

State University of New York at Delhi,

**Curriculum Developer**

- Developed curriculum for Teacher Education Transfer Program including articulation agreement with SUNY Oneonta and development of courses (MATH 105/106 and EDUC 100/101, EDUC 210/211, EDUC 220), alignment of curriculum with transfer institutions, student tracking systems, and assessment of effectiveness
- Revision of MATH 115 (Statistics): eliminated lab component; instituted utilizations of TI-83 graphing calculator; created workbook of all lessons
- Revision of MATH 105/106 (Math for Elementary Teachers) to modified flipped classroom and service-learning; developed course text
- Provided independent studies in Linear Algebra and Calculus III
- Began Quantway Project – a developmental liberal arts mathematics program designed to teach quantitative reasoning for mathematics that students encounter in their everyday lives

September 2014 – Present  
**Math Education Task Force**

State University of New York at Delhi, NY

- Worked with Career and Technical Education (CTE) programs to integrate mathematics in their curriculum
- Developed list of common student misconceptions in mathematics; shared ideas at campus workshops

- Co-taught mathematics intensive CTE courses to incorporate basic mathematics skills which are then applied in the CTE course
- Developed multiple measures placement procedures to place incoming freshmen in first mathematics course

December 2013 – June 2016  
 NY

**State University of New York at Delhi,**

**Program Director – Math/Science**

- Coordinated schedule for math and science departments; arranged adjunct schedules; observed and evaluated faculty
- Led discipline-based projects; coordinated the writing of the Math and Science Academic Program Review; coordinated the assessment of program and general education outcomes

January 2011 – present  
 NY

**State University of New York at Delhi,**

**Smartboard**

- Wrote grant to obtain four Smartboards, four response systems, and four Smartslates for the college
- Worked with Computer Information Services (CIS) to coordinate installation of Smartboards across campus and develop software installation plan for users
- Planned and implemented semi-annual training sessions for interested faculty; met individually with faculty to troubleshoot problems

August 1999 – present  
 Campus Committees

**State University of New York at Delhi, NY**

- General Education (2018-present): Collect and report general education results; develop plan to implement new SUNY General Education requirements
- Strong Start to Finish (2019-present): Develop ways to improve student retention in mathematics courses
- Committee on Graduate Education (2013-2017): Oversaw implementation of Master of Science in Nursing (MSN) degree
- Sharing Teaching Ideas Committee (2011-2018): Coordinated semi-annual, day-long workshops on best practices in teaching
- Student Success Working Group (2012-2018): Developed peer supplemental instructor program
- Staff Development Committee (2000-2017): Recommended ideas and sought faculty and staff members to provide staff development training
- SUNY Delhi Institutional Review Board (IRB) (2005-2017), Chair (2008-2011): Reviewed and made recommendations to proposals, tracked research proposals, revised policies, and educated the campus community regarding the role of the IRB at SUNY Delhi
- Renewal and Promotion Committee (2006-present): Reviewed faculty professional development plans, developed rubric to evaluate plans
- Campus Community Campaign (2009-2012): Solicited donations from local businesses
- Dennis Callas Award for Part-time Teaching Committee (2009-2012): Reviewed dossiers, scored and ranked candidates to determine recipients of the award on an annual basis
- Various search committees

March 2011 – 2014  
 Research

**State University of New York at Delhi, NY**

- Factors Contributing to College Class Non-Attendance – purpose of the research was: (1) to identify the factors (student characteristics, teacher characteristics and classroom activities) that contribute to student non-attendance, (2) to rate the level of interest in classroom activities and identify how that interest level

relates to student non-attendance, and (3) to rate the level of importance students place on teacher characteristics and identify how those characteristics relate to student non-attendance

August 2009 – Present

**State University of New York at Delhi, NY**

**Service-Learning**

- MATH 105/106: Teacher education students develop mathematics learning activities for elementary school students based on the learning outcomes of MATH 105/106; elementary school students participate in these activities on campus; SUNY Delhi students reflect on the experience
- MATH 115: Statistics students designed a research study, gathered and analyzed data, and presented results at a campus-wide poster session on an issue on campus (dining services, tutoring services, Greek life, etc.)

May 2009 – Present

**State University of New York at Delhi, NY**

**Middle States**

- 2020-21 Self Study: Co-Chair
- 2010-2013: Steering Committee member: liaison to working group on “Assessment of Student Learning”; facilitated organization of working group, collecting information, and writing of report; implemented Middle States recommended changes for Standard 14: Assessment of Student Learning for progress report visit in March 2013; so-wrote follow up reports to Middle States on Standard 14

2005 – 2008

**SUNY Provost’s Task Force on Mathematics Education**

- Member of steering committee for work group on alignment of K-16 alignment of mathematics curriculum
- Consulted with local teachers to gain classroom perspective on mathematics education

**PROFESSIONAL PRESENTATIONS/TRAININGS**

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2021-2022

**SUNY Delhi – Delhi, NY**

**Analyzing Your Teaching Style (Part 1 of a Series on Teaching & Learning)**

**Delhi Difference: Educating, Embracing, Engaging (Part 1 of a Series on Diversity)**

- Presentations for SUNY Delhi’s Center for Excellence in Teaching & Learning

2020-2021

**SUNY Delhi – Delhi, NY**

**Developing an Inclusive Syllabus**

**Try Out Some Third Party Tools**

**The Middle States Process**

**Bronco Collect**

**Master Assessment Plan Revisions & Updates**

**ILO Updates**

**Evaluating & Assessing in the Virtual Environment**

- Presentations on inclusive teaching strategies, assessment initiatives, and the self-study process for SUNY Delhi’s Center for Excellence in Teaching & Learning and for Annual Assessment Days

2019-2020

**SUNY Delhi – Delhi, NY**

## **Analyzing Your Teaching Style**

### **Keeping an Eye on the Measurable Outcome**

#### **How ILO Assessment Allows for Farsightedness, Not Nearsightedness**

- Presentations on teaching styles, writing measurable outcomes, and institutional learning outcomes assessment for SUNY Delhi's Center for Excellence in Teaching & Learning and for Annual Assessment Days

2018-2019

**SUNY Delhi – Delhi, NY**

### **Bloom's Taxonomy**

### **Writing Measurable Outcomes**

### **Assessment Scaffolding**

### **Utilizing the Syllabus Rubric**

- Presentations for SUNY Delhi's Center for Excellence in Teaching & Learning

June 2018

**CIT Conference, SUNY Oneonta – Oneonta, NY**

### **Moving Beyond Quizzes: Enhancing Online Pedagogy through Innovative Closure Activities**

- Presentation with faculty in Liberal Arts and Veterinary Sciences on activities to end the last five minutes of class to increase material retention

March 2016

**Annual Campus Compact Conference - Boston, MA**

### **Collaboration, Community Engagement & A Little Chaos: When 3 C's = an A!**

- Poster presentation of an Activity Fair model of service-learning at the annual Campus Compact conference (a national conference for community engagement and social change)

2015-2016

**SUNY Delhi – Delhi, NY**

### **Find Your True Color**

### **The Final Five**

### **Get Your Assessment Organized**

### **H.O.T. Ideas: Higher Order Thinking & Bloom's Taxonomy**

### **Shop at the Math Marketplace**

### **Three Creative Techniques to Enliven Class**

- Presentations on personality traits, closure activities for the last five minutes of class, how to conduct assessment efficiently, how to implement Bloom's Taxonomy, mathematics in CTE programs, and active learning strategies for SUNY Delhi's Sharing Teaching Ideas Days

October 2014

**Online webinar**

### **Rome Wasn't Built in a Day: Building a Culture of Assessment**

- Presentation for Compliance Assist users documenting the pitfalls and successes in building a culture of assessment at SUNY Delhi

June 2012

**SUNY Cobleskill - Cobleskill, NY**

### **Should I Skip Class?**

- Co-presentation of data collected regarding SUNY Delhi students' responses to why they skip class and choose not to complete assignments
- Discussed and demonstrated strategies to get students involved

January 2012

SUNY Delhi – Delhi, NY

### **Tying Course SLO's to Program SLO's through Curriculum Mapping**

#### **Playtime with the Smartboard**

- Presentation on instructing faculty on the development of curriculum maps and the features of the Smartboard at annual SUNY Delhi Assessment Day

January 2011

SUNY Delhi – Delhi, NY

### **Incorporating Active Learning in your Classroom**

- Discussed and demonstrated active learning techniques to promote higher level thinking, increase student interest and provide deeper learning

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## **CERTIFICATIONS**

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2020

SUNY Delhi Assessment Program

**Assessment Micro-credential, Lead Level 3-** displays an advanced knowledge of the assessment process. LEADers will serve as assessment champions in their organizational unit. In addition, LEADers will present their knowledge of assessment either on or off campus via workshops, webinars, conferences, etc.

2020

SUNY Delhi Diversity Program

**Diversity Micro-credential, Leap Level 1-** displays a foundational knowledge of diversity, equity & inclusion

2015-2016

SUNY Center for Professional Development Certificate Program

**Assessment to Improve Teaching and Learning, with Distinction**

**Planning and Implementing Assessment of Student Learning, with Distinction**

**Closing the Loop – Sustainable Assessment for Continuous Improvement**

2012

Association for Institutional Research (AIR)

**Data & Decisions Academy**

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## **PROFESSIONAL DEVELOPMENT**

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**Assessment Network of New York (ANNY) Annual Conference** (April 2021)

**Diversity in Teaching** Cornell University MOOC (November 2019)

**Enhancing Excellence in Assessment: One Size Doesn't Fit All: Making ILO's Work for You** SUNY Council on Assessment (November 2016)

**Assessment Network of New York (ANNY) Annual Conference** (April 2016)

**Assessment Network of New York (ANNY) Annual Conference** (April 2014)

**Enhancing Excellence in Assessment: Institutional Effectiveness and Learning Analytics** SUNY Council on Assessment Regional Workshop (April 2013)

**Becoming an Assessment Facilitator** MSCHE Development Workshop (September 2013)

**The Center for Teaching & Learning at SUNY Plattsburgh 2012 Conference** (April 2013)

**Assessment Network of New York (ANNY) Annual Conference** (April 2013)

**Middle States Commission on Higher Education Annual Conference** (December 2012)

**Enhancing Excellence in Assessment: Being Successful with MSCHE Standards 7 & 14** (December 2012)

**SUNY Cobleskill Conference on Teaching & Assessment** (June 2012)

**The Center for Teaching & Learning at SUNY Plattsburgh 2012 Conference** (April 2012)

**SUNY Morrisville Fostering a Culture of Assessment** (April 2010)

