

N. Michelle Greene, Ph.D.

EDUCATION

Emory University

Atlanta, GA

August 1997 – December 1999

National Institutes of Health Postdoctoral Fellow, Department of Biochemistry.

Research focused on the role of small GTPases, Arfs, in cell regulation.

Indiana University

Bloomington, IN

Ph.D., Biochemistry, Department of Chemistry, October 1997.

Thesis: Role of Phosphorylation of Rhodopsin by Protein Kinase C.

Rhodes College

Memphis, TN

B.Sc., Chemistry, Department of Chemistry, May 1991.

Bellingrath Scholarship (full tuition, room and board) recipient. Participated in research on glycosaminoglycan content of various organs and structures in the rat.

TEACHING EXPERIENCE

University of Alabama in Huntsville

Huntsville, AL

May, 2019 - present

Director, Collaborative Learning Center

Promote increased student engagement through the use of collaborative learning at UAH in fulfillment of the QEP for SACSCOC reaffirmation. Develop and execute strategic plan for faculty professional development programming.

August 2016 – present

Lecturer, Chemistry

Develop and execute teaching plans for undergraduate and graduate level college course in chemistry and biochemistry. Serve as Lecturer for first semester general Chemistry course for (50-225 students per section) for science and engineering majors. Teach masters level Biochemistry course (2 semesters).

- Represent the department at Charger Preview Days.
- Serve on Chemistry Teaching Committee.
- Served on the university Charger Foundations Assessment Committee.
- Teach First Year Experience course to incoming first year students.
- Consistently receive 4.6-4.8/5.0 on student evaluations of instruction in general chemistry course.

Southern Illinois University**Carbondale, IL**

August 2014 – May 2016

Instructor, General Chemistry

Develop and execute teaching plans for college level classes (100-180 students/lecture) in first semester Chemistry for science and engineering majors. Served as Instructor for first and second semester Chemistry laboratory courses (20-30 sections/semester). Served as Instructor for workshop sections accompanying lecture courses (12-20 sections/semester).

- Converted laboratory courses from traditional paper manual to electronic online version, including all deliverables to and from students.
- Developed and implemented assessment criteria for Chemistry core curriculum course.
- Directed the work of 20-30 Teaching Assistants each semester.
- Served on search committee for Chemistry instructors.
- Consistently received 4.7-4.8/5.0 on student evaluations of instruction.

John A. Logan College**Carterville, IL**

January 2012 – December 2013

Instructor, Science

Developed and executed teaching plans for college level classes (10-24 students/class) in general Biology for science majors and non-majors, in human Anatomy & Physiology for science majors, and in general Chemistry for science majors.

PROFESSIONAL EXPERIENCE

Serologicals – acquired Chemicon 2003 – acquired by Millipore 2006

August 2002 – July 2009

July 2007 – July 2009

Director of Business Development, Cell Biology

Led business development efforts in cell biology reagents including cells, cell culture media, protein and synthetic matrices, cell culture devices, and antibodies. Worked with marketing and R&D teams to set cell biology product development strategy, assess market potential, and determine relative importance to cell biology strategy. Maintained relationships with outside collaborators and consultants. Provided technical opinion and recommendations on all potential technologies in cell biology area. Gave technical seminars internationally.

- Built program-focused process and strategy for business development and scientific networking teams in business unit.
- Created and delivered presentations defining Millipore's capabilities and willingness to work with leading researchers.
- Managed 2 direct reports.

2006 – July 2007

Director of Marketing, Stem Cells and Cell Biology

Led marketing team and business development efforts for stem cell and cell biology reagents business. Worked closely with classic Millipore filtration and cell culture insert team to build synergies among the product lines. Developed and executed training program for worldwide

sales force of 150 in cell biology reagents. Responsible for analyzing and deciding which technologies to acquire and determining the market value of said technology. Gave technical seminars internally and externally domestically and internationally.

- Developed 3 year plan for stem cell and cell biology business with projected growth >25%.
- Participated in 3 month in-depth analysis of current cell biology market and areas for Millipore to focus on for accelerated growth.
- Analyzed novel technologies and negotiated agreements with academic and commercial entities.
- Managed 5 direct reports.

2005 – 2006

Director, Stem Cell Segment

Led marketing team to develop and execute marketing plan. Responsible for developing and executing training program for sales force of 75 worldwide. Gave technical seminars for Ph.D. scientists domestically and internationally. Analyzed stem cell market and customer needs to determine product development plan for stem cell segment to advance Chemicon as leader in stem cell reagents. Approved all R&D projects. Identified and analyzed novel technologies for commercial and technical robustness. Led efforts to acquire for novel technologies. Created and edited stem cell-specific newsletter.

- Developed business plan for stem cell business that led to 19% CAGR in stem cell reagents
- Handled business development activities that resulted in 4 major (>100k) licenses.
- Managed 2 direct reports.

2002 – 2005

Product Manager

Managed 4 research reagent product lines. Responsible for forecasting and providing information to planning department for inventory control. Responsible for relationships with supply vendors and determining if vendor was acceptable. Developed new product pipeline and established criteria for release of product. Responsible for documentation accompanying product. Developed strategy for marketing product lines and supervised creation of all marketing materials associated with product lines including writing text for brochures and newsletters.

- Developed business plan for product lines at different stages in product life cycle.
- Conducted training for worldwide sales force at 6 meetings.
- Managed relationships with numerous vendors.

MWG Biotech

High Point, NC

2001 – 2002

Sales Executive

Stratagene

La Jolla, CA

1999 – 2001

Technical Sales Representative

ADDITIONAL INFORMATION

- Participated in Tech Trek Camp in 2019 at UAH to encourage eighth girls to go into STEM
- Served on “Women in STEM” panel in 2016 at Southern Illinois University.
- Completed 2 day course “Program in Negotiation” in 2006 at Harvard University.
- Published 9 articles and abstracts including 2 first author publications in *The Journal of Biological Chemistry*.
- Served on Board of Directors, Carbondale New School, Carbondale IL from February 2010 to May 2014
- Served on Development Board, Rosarian Academy, West Palm Beach FL 2008-2009.

REFERENCES

Provided upon request