

## Resume of

9/26/2014

### ***William Cary Mobley, Ph.D., R.Ph.***

University of Florida College of Pharmacy

Department of Pharmaceutics

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### **Education**

- 1994 Ph.D. in Pharmaceutics from the University of Florida College of Pharmacy  
Thesis Title: *"The Physical Characterization of Lyophilized Liposomes"*
- 1985 B.S. with Honors in Pharmacy from the University of Florida
- 1980 B.S. in Biology from the University of Miami – Coral Gables, FL

### **Employment**

- 5/05-current Clinical Associate Professor of Pharmaceutics  
University of Florida College of Pharmacy
- 6/02-5/05 Clinical Assistant Professor, University of Florida College of Pharmacy
- 9/00- 6/02 Assistant Professor in Pharmaceutical Sciences and Facilitator, Nova Southeastern  
University College of Pharmacy – W. Palm Beach Distance Pharmacy Education  
Program
- 9/98-9/00 Assistant Professor in Pharmaceutical Sciences, Nova Southeastern College of  
Pharmacy. Davie, Florida
- 10/94-9/98 Assistant Professor in Pharmaceutical Sciences, Idaho State Univ. College of  
Pharmacy
- 1/94-8/94 Visiting Assistant in Postdoctoral Program, U.F. College of Pharmacy
- 8/88-5/94 Research and Teaching Assistant at U.F. Department of Pharmaceutics
- 12/86-2/92 Chief, Staff, and Relief Pharmacist at Wal-Mart – Gainesville, Florida
- 5/85 to 12/86 Chief and Staff Pharmacist at Walgreens – Orlando, FL and Ocala, FL

### ***Consultant***

- 2003-2012 Consultant, Writer, and Instructor for the Certificate Training Program: The Science of  
Pharmaceutical Compounding co-sponsored by UF College of Pharmacy and Medisca,  
Inc.
- 2004 Consultant on pharmacy compounding related matters for Mager and Associates, Inc.  
Attorneys
- 2004 Consultant on pharmacy compounding course design and management – Idaho State  
University College of Pharmacy
- 1998-2002 Consultant for Clickpharmacy.com (an internet pharmacy) –Consulted on business  
model development and website design, and wrote policies and procedures for  
pharmacy operations

### **Teaching Experience**

- 2002 - current Coordinator and Instructor for Pharmacy Compounding Skills  
Coordinator and Instructor for Dosage Forms II  
Designer, Writer, Coordinator and Facilitator for Integrated Case Studies
- 2005 - current Coordinator and Instructor for Dosage Forms I
- 2004 - current Coordinator and Instructor for Drug Stability (Graduate program)

2005 - current	Facilitator for Interdisciplinary Family Health Program
2006	Designer, Writer, Coordinator and Facilitator for 2PD Interprofessional Case Studies Pilot Program with the Medical School
1998-2002 (Nova University)	Coordinator and Instructor for Dosage Formulation, Drug Delivery, Pharmacy Compounding, Pulmonary Drug Delivery. Designed and equipped a new Pharmacy Compounding lab for the W. Palm Beach Pharmacy Program
1994-1998 (Idaho State Univ.)	Coordinator and Lecturer for Pharmaceutics: Pharmaceutical Preformulation, Pharmaceutical Analysis, Biopharmaceutics, Pharmacy Calculations, Dosage Formulation, Drug Delivery, Pharmacy Compounding, and Pharmaceutical Biotechnology.  (All lectures are in HTML format for Internet access and delivery. Lecture experience includes live videoconference lectures and asynchronous videostreamed lectures)
1996-1998 (Idaho State Univ.)	Facilitator for Cases Studies Graduate Seminar in Pharmaceutics - Coordinator
1994 (Univ. of Florida)	Pharmaceutics: Dosage Forms and Drug Delivery Systems
8/88-5/91	Teaching Assistant in the Compounding and Pharmaceutical Analysis labs, and Pharmaceutics Discussion Groups

### **Teaching Innovations**

1994-present	Developed and implemented: Differential assessment activities "Build-A-Case" from iPod Medscape App Patient Care Mapping Exercise Sakai "Thought-Provoking Questions Wiki" "Individual SOAP Note Creator Form" Sakai "Compiled SOAP Note Wiki" Eluminate online group concept mapping exercise Integrated Cases Studies Jeopardy Hyperlinked lecture format
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### **Research Experience**

Main interests:

- (1) Development of clinical reasoning skills in Pharmacy students
- (2) Developing tools for curricular and conceptual integration

### *Technical experience*

FTIR spectroscopy	Lyophilization	Liposome preparation and characterization
Differential scanning calorimetry	Chromatography	Gel electrophoresis
Thermogravimetry	Radiochemistry	Western blot
Electron microscopy	Dialysis	Sterile techniques
UV and fluorescence spectroscopy	Dynamic light scattering	Centrifugation

## **Publications**

### *Journal Articles*

- Adams AJ, Clark DR, DeLander GE, Mackinnon GE 3rd, Malloy M, McGivney MS, Mobley C, Nuffer W, Parsons P, Smesny AL, Smith M, Ives TJ. (2013) Report of the AACP task force on patient-centered medical homes and accountable care organizations. *Am J Pharm Educ.* 77(7):142.
- L. D. Reid, C. Motycka, C. Mobley, M. Meldrum (2006) Comparing Self-reported Burnout of Pharmacy students on the Founding Campus with Those at Distance Campuses. *Am J Pharm Educ.* 70 (5) Article 114.
- C. T. Ward, J. A. Rey, W. C. Mobley, C. D. Evans, (2003) Establishing a distance learning site for a traditional doctor of pharmacy program. *Am J Pharm Educ* 67:article 20.
- C. Mobley (2002) Adaptation of a hypertext pharmaceuticals course for long-distance pharmacy education. *Am J Pharm Educ.* 66:140-144.
- C. Mobley and G. Hochhaus (2001) Methods to assess the pulmonary deposition and absorption for drugs for the treatment of respiratory disease. *Drug Discovery Today.* 6:367-375.
- W. C. Mobley (1998) The effect of jet-milling on lyophilized liposomes. *Pharmaceutical Res.* 15:149-152.
- W.C. Mobley and H. Schreier (1994) Phase transition temperature reduction and glass formation in dehydroprotected lyophilized liposomes. *J. Contr. Rel.* 31:73-87.
- H. Schreier, W.C. Mobley, N. Concessio, A.J. Hickey and R.W. Niven (1994) Formulations and *in vitro* performance of liposome powder aerosols. *STP. Pharma Sci.* 4:38-44.

### *Books*

Amiji, M.M; Cook, T.J.; Mobley, W.C. (2014) *Applied Physical Pharmacy, 2<sup>nd</sup> Ed.* New York : McGraw-Hill Education.

### *Book Chapters*

- C. Mobley (2014) Introduction to Biopharmaceutics. In *Applied Physical Pharmacy, 2<sup>nd</sup> Ed.* New York : McGraw-Hill Education.
- C. Mobley (2014) Dispersed Systems. In *Applied Physical Pharmacy, 2<sup>nd</sup> Ed.* New York : McGraw-Hill Education.
- M. Issar, C. Mobley, P. Khan, G. Hochhaus (2004) Pharmacokinetics and pharmacodynamics of drugs delivered to the lungs in *Pharmaceutical Inhalation Aerosol Technology, 2<sup>nd</sup> Ed.* AJ Hickey Ed.
- C. Mobley and G. Hochhaus (2001) Pharmacokinetic considerations in the design of pulmonary drug delivery systems for glucocorticoids in *Drug Targeting Technology: A Critical Analysis of Physical, Chemical, and Biological Methods.* H. Schreier, Ed., Marcel Dekker. pp. 51-84

### *Continuing Education*

C. Mobley (2003) Anatomical and physiological considerations for pharmacy compounding. *Drug Topics,* 147:64.

### *Abstracts*

- Pharm. Res. 10 (Suppl.) s266 (1993)
- Proceed. Intern. Symp. Control. Rel. Bioact. Mater., 19, 250-251 (1992)
- Pharm. Res., 9 (Suppl.) s 226 (1992)

### *Other*

2000 Wrote Policies and Procedures for Clickpharmacy.com (an internet pharmacy) that helped the company obtain a VIPPS seal by the National Association of the Boards of Pharmacy.

## **Presentations**

### *Poster*

- 2012 AACP Annual Meeting, Orlando, FL “Integrated Case Studies as a Flexible Pedagogical Tool to Facilitate Curricular and Conceptual Integration”
- 2007 AACP Annual Meeting, Orlando, FL
- 2005 AACP Annual Meeting, Cincinnati, OH
- 1997 Colorado Biopharmaceutical Delivery Conference, Breckenridge, CO
- 1993 AAPS Annual Meeting and Exposition, Orlando, FL
- 1992 AAPS Annual Meeting and Exposition, San Antonio, TX  
9<sup>th</sup> International Symp. on the Controlled Release of Bioactive Materials, Orlando, FL  
AAPS S.E. Regional Meeting- Wilmington, N.C.  
2<sup>nd</sup> Annual Liposome Research Days- Leiden, Netherlands  
5<sup>th</sup> Annual Excellence in Research Competition, U.F. College of Pharmacy

### *Computer*

- 1998 “Hyperlinking to facilitate lecturing and curricular integration” American Association of Colleges of Pharmacy Annual Meeting, Aspen, CO

### *Oral*

- 2014 Invited Speaker, 2014 AACP Annual Meeting Pharmaceutics Section Program
- 2010 Roles of Basic Sciences in Clinical Reasoning Education; 2010 AACP Annual Meeting (invited)
- 2010 Invited Continuing Education Program Speaker. UF College of Pharmacy St. Petersburg Campus Reunion
- 2008 Keynote Address to the UF College of Pharmacy Awards Ceremony – Jacksonville Campus
- 2007 Keynote Address to the UF College of Pharmacy Awards Ceremony – Jacksonville Campus
- 2005 Presentation about the Skills Lab to the UF College of Pharmacy National Advisory Board
- 1998 Facilitator of the Glaxo Pathway Evaluation Program for Pharmacy Professionals (for Nova University pharmacy students)
- 1996 Facilitator of the Glaxo Pathway Evaluation Program for Pharmacy Professionals (for I.S.U. pharmacy students)

### Roundtable

- 2013 “Reasoning: From the Basic Sciences to the Clinical Sciences to Interprofessional Care “2013 AACP Annual Meeting

## **Other Meeting Activities**

- 2007 Alternate Delegate to American Association of Colleges of Pharmacy Annual Meeting, Orlando, FL
- 2006 Poster Judge for SERIS Meeting, Gainesville, FL
- 2005 Poster Judge for 18<sup>th</sup> Annual College of Pharmacy Research Showcase
- 2005 Attended UF College of Agricultural and Life Sciences Teaching Workshop: Creating Virtual Labs
- 2005 Attended Practical Application of General Chapter <797> by USP, San Francisco, CA
- 2005 Attended AACP Institute: Preparing Pharmacy Graduates for the Future , Lansdowne, Virginia
- 2004 Delegate to American Association of Colleges of Pharmacy Annual Meeting, Salt Lake City, Utah
- 2003 Attended AACP Institute: Assessing Student Performance, Lansdowne, Virginia

## **Grants and Contracts**

### *Awarded*

- 1999 Principle Investigator - Nova Southeastern University Internal Research Grant- "Investigation of a Liposome - Cholera Toxin B Conjugate Intended as an Oral Vaccine Adjuvant (\$5000)
- 1996 Principle Investigator - Accumetrics, Inc.- "Feasibility of Producing Protein-Coated Large Unilamellar Liposomes" (\$835 contract)
- 1995 Principle Investigator - I.S.U. Faculty Research Committee Grant- "Marker-Retaining Ability of Liposomes During Jet-Milling" (\$3970)

### *Not Awarded*

- 2001 Collaborator - Dept. of Health and Human Services Public Health Service – "Studies on the Regulation of VEGF Gene Expression". Principle Investigator – A. Rathinavelu – Nova Southeastern University. (\$686,209)
- 1997 Principle Investigator - AACP New Investigator Grant- "Development of a Liposome-Cholera Toxin Conjugate for Oral Vaccine Delivery"
- 1996 Principle Investigator - Idaho State Board of Education- "Development of a Hypertext Model for Integrating Basic Sciences with Pharmaceutical Sciences at ISU College of Pharmacy"
- 1996 Principle Investigator - AACP New Investigator Grant- "Development of a Liposome-Cholera Toxin Conjugate for Delivery to Peyer's Patches"
- 1996 Principle Investigator - Pharmaceutical Researchers and Manufacturers of America Foundation Research Starter Grant- "Stability of Jet-Milled Lactate Dehydrogenase: Towards the Development of Therapeutic Proteins for Lung Administration"

### **Honors and Awards**

- 2009, 2010 Nominated Teacher of the Year - U.F. College of Pharmacy
- 2007 Teacher of the Year - U.F. College of Pharmacy
- 2006 Nominated, Teacher of the Year - U.F. College of Pharmacy
- 2002 Teacher of the Year W. Palm Beach (Nova Southeastern University College of Pharmacy)
- 1999 P1 Male Teacher of the Year (Nova Southeastern University College of Pharmacy)
- 1996, 1997 Nominated, Teacher of the Year (I.S.U. College of Pharmacy)
- 1992 1<sup>st</sup> Place Senior Division, Oral Competition Section, 5<sup>th</sup> Annual Excellence in Research Competition (University of Florida College of Pharmacy)
- 1990 Teaching Assistant of the Year (University of Florida College of Pharmacy)

### **Academic Committees**

#### *University of Florida*

- 2013-current Curriculum Assessment Team
- 2013-current Faculty Development Committee
- 2013-2014 Curriculum Revision Task Force
- 2010-current SOAP Note Writing Task Force
- 2003 - 2013 Curriculum Committee – maintain updated outcomes revisions for the committee, created email survey to assess active learning
- 2003 - 2013 Assessment Committee
- 2005 - 2006 Masters in Medication Therapy Management ad hoc Committee
- 2006 – 2008 Active Learning Ad hoc Committee
- 2005- 2006 Pharmacy Skills ad hoc Committee

### *Nova University*

1999-2002 Admissions Committee  
1999 Patient Care Management Committee

### *I.S.U.*

1997-1998 Pharmaceutical Sciences Faculty Search Committee  
1997-1998 Curricular Affairs Committee  
1997-1998 Faculty Affairs Committee  
1996-1998 I.S.U. Academic Standards Council  
1996-1997 General Collection and Government Documents Committee  
1995-1997 Graduate Education and Faculty Research Affairs Committee  
1995-1996 Writing Assessment Committee

### **Other Academic Activities**

2014 Marshall U.F. College of Pharmacy Spring Graduation Ceremony  
2011-current Marshall U.F. College of Pharmacy White Coat Ceremony  
2009-current Marshall U.F. Spring Advanced Degree Graduation Ceremonies

### **Professional Memberships**

2002-current Alachua County Association of Pharmacists  
1994-current American Association of Colleges of Pharmacy  
2006-2007 American Association of Health-Systems Pharmacists  
1982-current Kappa Psi Pharmaceutical Fraternity  
1983-current Rho Chi Society  
1988-2002 American Association of Pharmaceutical Scientists

### **Professional Service – University and College**

2010 - Compounding workshops for the student chapter of NCPA – developed and  
present implemented  
2010 - UF/Medisca Compounding Competition – organized and implemented the local  
present competitions, participated in the national competitions  
2010-2011 Haitian earthquake/cholera victims oral rehydration powder – created the powder  
mix and a process for its subdivision by pharmacy students  
2007 – 2010 University of Florida Minority Mentor

### **Professional Service - National**

2013-current AACP Role of Pharmaceutical Sciences Task Force  
2013-current AACP Pharmaceutics Section Programming Committee  
2013-current Chair, AACP Pharmaceutics Section Membership Committee  
2012-2013 AACP Accountable Care Organization and Medical Home Task Force  
2011-2012 AACP Annual Meeting Programming Committee  
2011-2012 AACP New Investigator Awards Selection Committee  
2010-2012 AACP Council of Sections  
2010-2011 Chair, AACP Pharmaceutics Section  
2010 Reviewer Pharmaceutics Section Abstracts, 2010 AACP Annual Meeting  
2009 Reviewer Currents in Pharmacy Teaching and Learning  
2008-2010 AACP Annual Meeting Poster Abstract Reviewer  
2009-2010 Chair-Elect of the of Pharmaceutics Section of the American Association of Colleges

of Pharmacy  
2007--2011 Member of the Curriculum Committee of the Teachers of Pharmaceutics Section of  
the American Association of Colleges of Pharmacy  
2006 Reviewer, PCAT Practice Test – Quantitative Section  
Reviewer, Journal of Liposome Research

**Professional Licensure**

1985-current Florida Registered Pharmacist

**Extracurricular Activities**

2009-2013 Proctor, Gainesville High School AP and Cambridge Exams  
2003-2013 Soccer and Basketball Coach, St. Patrick Interparish School / YMCA  
2005 Judge - 18<sup>th</sup> Annual College of Pharmacy Research Showcase poster  
competition  
1998 Soccer Coach- Pocatello, ID  
1996,1998 Science Fair Judge, Indian Hills Elementary School  
1995-1996 Assistant Soccer Coach- Pocatello, ID