

## CURRICULUM VITAE

### **Karen Falck Marlowe, Pharm D, BCPS, CPE**

Assistant Dean, Associate Department Head,  
Auburn University, Harrison School of Pharmacy  
Davis Endowed Professor

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**Place of Birth:** Fairhope, AL

**Citizenship:** U.S.A.

#### **Education:**

1993 – 1995                      Doctor of Pharmacy Cum Laude  
Auburn University, Auburn, Alabama

1989 – 1993                      Bachelor of Science Magna Cum Laude  
Auburn University, Auburn, Alabama

1987 – 1989                      Faulkner State University-Advanced College Credit  
Bay Minette, Alabama

#### **Postgraduate Training:**

1995 – 1996                      Pharmacy Practice Residency  
Egleston Children's Hospital, Atlanta, Georgia  
(Now Children's Healthcare of Atlanta)

**Faculty Appointments**

2015 – Present	Professor with tenure – Department of Pharmacy Practice Auburn University Harrison School of Pharmacy
2008 – Present	Adjunct Associate Professor- non-tenure Department of Internal Medicine University of South Alabama –College of Medicine
2000 – 2007	Adjunct Assistant Professor- non-tenure Department of Internal Medicine University of South Alabama –College of Medicine
2006 – 2015	Associate Professor with tenure Department of Pharmacy Practice Auburn University Harrison School of Pharmacy
2000 – 2005	Assistant Professor- tenure track Department of Pharmacy Practice Auburn University Harrison School of Pharmacy
1999 – 2000	Pharmacy Practice Residency Coordinator Egleston Children’s Hospital at Emory University Atlanta, GA
1996 – 2000	Cardiac Transplant and Intensive Care Pharmacotherapy Specialist -Pediatric, Neonatal, and Cardiac Intensive Care Egleston Children’s Hospital at Emory University, Atlanta, GA
1996 – 2000	Advanced Pharmacy Practice Experience Preceptor Neonatal and Pediatric Critical Care Adjunct faculty preceptor for: University of Georgia School of Pharmacy Mercer School of Pharmacy Auburn University Harrison School of Pharmacy Drake University School of Pharmacy Campbell University School of Pharmacy

**Administrative Appointments:**

- 2007 – Present                      Assistant Dean – Mobile Campus  
-Responsible for relationships with University of South Alabama College of Medicine and faculty placements  
-Responsible for facilities and student affairs for the campus  
-Responsible for the annual budget for the satellite campus including the human resource and capital budget  
-Responsible for regional relationships with stakeholders and limited fundraising
- 2007 – Present                      Associate Department Head for Pharmacy Practice Auburn University Harrison School of Pharmacy  
-Responsible for supervision and annual evaluation of eight Pharmacy Practice faculty located in the region  
-One of three-member administrative leadership team for the department

**Specialty Boards and Certification:**

Accreditation Council for ACPE

Site Visitor Training Completed 2011

Site Visitor - 2012 – Present, 9 site visits completed

Self- Study Workshop – Fall 2017

Certified Pain Educator

Certified Dec 2009

Board of Pharmaceutical Specialties

Board Certified in Pharmacotherapy (renewed 2013)

American Academy of Pain Management

Diplomat American Academy of Pain Management –

Credentialed in Pain Management –

**Pharmacist Licensure:**

Alabama License #12923 /Georgia License #18341

**Awards and Honors:**

2018	Faculty Research Excellence Award – ADECA Grant
2016	WOW Award – Way of Working – Awarded to the Practice Ready Curricular Design Team – Harrison School of Pharmacy
2012	Louisiana Chapter - American College of Cardiology – 2 <sup>nd</sup> Place Poster – New Orleans, LA – Nov 10, 2012
2011	Scholarship Recipient – Essay recognized for Contributions to Pain Management Education – Sponsored by PainEdu.org
2003, 2004, 2006, 2007, 2010, 2011	Preceptor of Excellence – Mobile Region – AUHSOP
2005	Chi Chapter of Phi Delta Chi Pharmacy Fraternity Distinguished Alumnus
1997	Best Poster in Practice Section – Georgia Society of Health System Pharmacists
1996	Facts & Comparisons Excellence in Clinical Communication Award (Auburn University)
1993	Worthy Chief Counselor Chi Chapter of Phi Delta Chi
1992	U. S. Congressional Gold Medal of Honor for Volunteer Work
1989	U. S. Congressional Silver Medal of Honor for Volunteer Work

**Memberships in Professional and Honorary Societies:**

2015 – Present	Alabama Pharmacy Association
2009 – Present	American Society of Pain Educators
2004 – Present	American Academy of Pain Management (Diplomat)
2003 – 2010	Society of Critical Care Medicine
2000 – Present	American Association of Colleges of Pharmacy (AACP)
2003 – Present	Pharmacy Practice Section

2010 – Present	Curriculum Special Interest Group
1998 – Present	American College of Clinical Pharmacy (ACCP)
2008 – Present	Education/Training PRN of ACCP
2003 – Present	Pain PRN of ACCP
2018 – Present	Communications/Newsletter Committee
1998 – Present	Critical Care PRN of ACCP
1995 – 2003	Pediatric Pharmacy Advocacy Group (PPAG)
1995 – 2000	Georgia Society of Hospital Pharmacy (GSHP)
1995 – 2000	Atlanta Association of Institutional Pharmacy
1994 – 2002	ASHP - Clinical Specialists' Section – Pediatrics
1993 – 2008	American Society of Hospital Pharmacists (ASHP)
1993 – Present	Alabama Society of Health-System Pharmacists (AISHP)
1992 – Present	Rho Chi - Pharmacy Academic Honorary
1992 – Present	Phi Lambda Sigma Leadership Honorary
1991 – 1998	American Pharmaceutical Association (AphA)
1990 – Present	Phi Delta Chi - Pharmacy Fraternity

## **SERVICE**

### **University or Division Service**

2019 – Present	Director for Auburn's Center for Opioid Research, Education, and Outreach (COACH)
2007 – 2013	Writing within the Curriculum Task Force and Committee– Auburn University
2007 – 2008	Search Committee for Simulation Center Director for University of South Alabama

2007 – 2015 Interprofessional Task Force – University of South Alabama  
Health Sciences

### **College or Departmental Service**

2019 Mobile Curricular Coordinator Search Committee Chair

2018 – 2019 AUHSOP Self Study Committee – Co Chair

2017 – 2018 Co-Curricular Committee

2017 – 2018 Search Committee for Mobile Instructor Position

2016 – 2017 Search Committee for Dean Harrison School of Pharmacy

2016 – Present Integrated Learning Experience Team Member  
Fall P1 Year - Member  
Spring P1 Year – Member  
Spring P2 Year - Member

2015 – Present Pharmacy Practice Ready Curricular Redesign Workgroup  
Harrison School of Pharmacy

2012 – 2013 Search Committee for Associate Dean for Curriculum  
Harrison School of Pharmacy

2012 – 2013 Committee to Prepare for SACSOC visit – Chair for Mobile  
Campus Committee (HSOP committee)

2011 - 2012 Search Committee for Mobile Pharmacotherapy Facilitator

2010 – 2012 Student/Faculty Committee Ad Hoc Committee on Portfolios

2010 - 2011 Self-Study Committee for ACPE Visit Preparation AUHSOP

2009 Search Committee for Associate Department Head for  
Pharmacy Practice Department

2009 – 2011 Faculty Teaching Awards Committee - Auburn University  
Harrison School of Pharmacy

2008 – 2015 Mobile Infirmary/Auburn University Residency Advisory  
Committee

2008 – Present Strategic Planning Committee - Auburn University Harrison  
School of Pharmacy

2007 – Present	Executive Committee – Auburn University Harrison School of Pharmacy
2006 – 2008	Work Group for Auburn University School of Pharmacy Satellite Campus
2005 – 2006	Search Committee for Associate Dean for Curriculum Harrison School of Pharmacy
2001	Xigris® – medication use subcommittee –USA medical center
2001 – 2004	Professionalization Committee - Auburn
2001 – 2003	Pharmacy Practice Coordinating Committee - Auburn
2000 – Present	School of Pharmacy Curriculum Committee- Auburn
2013 – 2015	Curriculum Mapping Committee Member
2005 – 2007	Advance Practice Subcommittee
2005 – Present	Steering Committee Member (Chair 2005-2007)
2003 – 2004	Subcommittee Chair - Semesters 4-6
2000 – 2001	School of Pharmacy Module Committee - Auburn
1997 – 2000	Coordinator for Antibiotic subcommittee for Pharmacy and Therapeutics Committee – Egleston Children’s Hospital
1996 – 2000	Egleston Children’s Hospital Documentation Task Force
1996 – 2000	Egleston Children’s Hospital Code 99 Committee
1995 – 2000	Egleston Children’s Hospital Pharmacy & Therapeutics Committee

## **PROFESSIONAL SERVICE**

### **Leadership and Committee Positions:**

#### **National or Regional Service**

2018 – 2019	AACP Distinguished Teaching Scholar Award Committee (appointed)
2018 – 2019	AACP Pharmacy Practice Section – Programming Committee

2015 – Present	State Advisory Council on Palliative Care and Quality of Life – Co-Chair (appointed for a 3 year term) (Renewed 2018 for second 3 year term)
2013- 2015	ACCP Educational Affairs Committee (appointed)
2011 – Present	ACCP Resident and Fellow Travel Grant Reviewer ACCP Student CV Reviewer
2013 – 2014	ACCP – Pain PRN – Chair (elected)
2012 – 2013	ACCP – Pain PRN – Chair Elect (elected)
2010 – 2012	ACCP – Pain PRN – Secretary/Treasurer (elected)
2009	Pain and Palliative Care Summit Attendee – Credentialing Group - This summit produced the model curriculum for pain and palliative care in Doctor of Pharmacy programs as well as beginning the petition for a specialty through Board of Pharmacy Specialties.
2001 – 2003	ACCP – Spring Forum Planning Committee
2001 – 2010	Board of Pharmaceutical Specialties – Exam Item Author
1996 – 1998	GSHP Education Committee
1996 – 1999	PPAG Education Committee

**Peer Review:  
Reviewer for Journals**

American Journal of Health System Pharmacy – 2000- Present

Annals of Pharmacotherapy - 2001 - Present

Pharmacotherapy – 2005 - 2010

Clinical Infectious Diseases – 2001 – 2007

Pain Practitioner – 2005 - Present

**Reviewer for Book Chapters**

EMT Handbook. Resuscitation Medications. Elsevier Publications

Essentials of Pharmacotherapy – Sickle Cell Chapter – McGraw Hill Publications

**Reviewer for Curriculum**

Merlot online curriculum review course completed – July 2012 -2 health science courses reviewed

**External Service**

Consultant for Kelly Wolters Kluwer – LexiComp Reviewer – 2019 - Present

Gulf Coast Regional Care Organization (Viva Health) – 2017 - 2018 – education consultant for opioid education

Birmingham Regional Care Organization – 2017 – consultant on opioid policy

Montgomery, AL Regional Care Organization -2018 – consultant on opioid policy

Consultant for Alabama Medicaid Agency regarding opioid policy – 2012 – 2014, 2017

Novartis Advisory Board – ended 2012

Endo Pharmaceuticals Advisory Board – 2012-2013

**CONTRIBUTIONS TO EDUCATION****College of Medicine Teaching Activities:****University of South Alabama Medical Student Education:**

Fourth Year Pharmacology Elective –  
Applied Pharmacokinetics lecture – 2010 - 2015

**University of South Alabama Internal Medicine Resident & Fellow Education:**

“Common mistakes associated with drug level interpretation” –  
Noon Conference - Internal Medicine Residents and students – April 14, 2004

“Herbal products: information you need to know” –  
Noon Conference - Internal Medicine Residents and students –  
January 22, 2004

“Brand vs. Generic – Is there a difference” –  
Noon Conference - Internal Medicine Residents and students –  
September 30, 2003

2000 – Present      Participation in Morning Report and teaching through  
patient care as a member of internal medicine teams on the  
internal medicine service at USAMC.

### **University of South Alabama Faculty Development**

“IOM Report – Pain Management” –  
University of South Alabama – Internal Medicine Grand Rounds –  
September 2011

“Opioid REMS: Changing the Landscape of Practice” –  
University of South Alabama – Internal Medicine Grand Rounds –  
September 2010

“Chronic Pain: How to practice with a lack of evidence” –  
University of South Alabama – Internal Medicine Grand Rounds –  
April 2006

### **Pharmacy Faculty Mentored**

Robert Helmer – 2012 – Promoted 2019

Clinical Assistant Professor, Auburn University Harrison School of  
Pharmacy

Adjunct Clinical Assistant Professor, USACOM – Department of Internal  
Medicine

Nathan Pinner – 2010 – 2015 – Promoted 2015

Clinical Assistant Professor, Auburn University Harrison School of  
Pharmacy

Adjunct Clinical Assistant Professor, Capstone Family Medicine –  
Tuscaloosa, AL

Rakhi Karwa – 2007-2010 – currently Associate Professor Purdue

Clinical Assistant Professor, Auburn University Harrison School of Pharmacy

Adjunct Clinical Assistant Professor, USACOM – Department of Internal Medicine

Allison Chung – 2003-2008 – Promoted 2008

Clinical Associate Professor, Auburn University Harrison School of Pharmacy

Adjunct Clinical Associate Professor, USACOM – Department of Pediatrics

**Pharmacy Residents Mentored** (These residents were mentored at Egleston Children’s Hospital/Children’s Healthcare of Atlanta)

Jennifer Sterner – Allison and Catherine Weeks – 1998

Brad Foster and Eric Rose – 1999

Cherie Roberson and Dennis Woods - 2000

### **Auburn University Experiential Teaching**

2013 – Present	Academia Elective Rotation (APPE)
2008 – 2013	Academic Drug Information Rotation (APPE)
2003 – 2007	Regional Coordinator for Mobile Region of AUHSOP Advanced Practice Experiences
2000 – Present	Internal Medicine and Medical Specialty Rotations (APPE)

### **Auburn University Didactic Teaching/Problem Based Learning Facilitation**

2020 – Present	Integrated Learning Experience 11 – P3 Spring Adult Case 4 – Palliative Care and ACLS PYPD 9300 – 1 week
2019 - Present	Therapeutic Use of Opioids (Coordinator)– PYPD 9796 – 1 hour Elective

2018 – Present	Palliative Care and End of Life Elective (Coordinator) – PYPD 9580-1 hour Elective
2018- Present	Mentored Individual Research (P2's and P3's) PYPD 9960
2019 – Present	Pharmacokinetics Clinical Application Workshop – PYPD 9430 Course Faculty – 1 hours Team Taught Course
2018 - Present	Patient Care Process Workshop – PYPD 9410 Course Faculty – 1 hour Team Taught Course
2017 - Present	Drug Information Workshop – PYPD 9400 Course Faculty – 1 hour Team Taught Course
2017 - Present	Auburn Harrison School of Pharmacy – Practice Ready Curriculum Orientation – PYPD 9000 Course Coordinator – 1 hour course Course Faculty
2011 – 2014	Special Problems – Mentored Research for Doctor of Pharmacy students with Pharmacy Practice Faculty – Course Developer (2011)(2 hr course) Course Faculty (2012 – 2013)
2010 – 2016	Pain and Palliative Care Pharmacotherapy Elective (a writing intensive online course) Course Developer and Coordinator (2 hr course) Externally Peer reviewed in 2010 and 2012
2008 – 2016	Integrated Pharmacotherapy – Problem Based Learning Course Case Designer for one small group case – Chronic Pain Focus – Appropriate Use of Opiates
2007 - 2015	Integrated Pharmacotherapy –Small Group Facilitator
2002 – 2003	Pathophysiology – Hypothalamic and Pituitary Disease 6 lecture hours

2004 – 2011	<p>Non Traditional Pharmacotherapy Module          Infectious Diseases Module II          Course Coordinator</p> <p>Developed Content for Sexually Transmitted Diseases          And HIV associated infections</p>
2000 – 2009	<p>Pharmacotherapy Module Series          Small and Large Group Facilitator, Case Development          Pulmonary: Asthma and Cystic Fibrosis 2000-2003</p> <p>Infectious Diseases: Otitis Media, HIV/AIDS, STD's          2000-2007</p> <p>Other: Chronic Pain Management 2003-2007</p> <p>*Course Coordinator Infectious Diseases Module 2 –          2004-2007- 3 credit hour course</p>
2000 – Present	<p>Pre Professional Pharmacy Experience Mentor – IPPE          2 credit hour course – taught each semester</p>
1995 – 2000	<p>Emory Pediatric Nurse Practitioner Program          Vaccines          Intensive Care Pharmacotherapy</p>
1995 – 2000	<p>Mercer University School of Pharmacy          Therapeutics Series – Meningitis and Otitis</p>

### **Research Grants, Contracts, Awards, Projects:**

Title: ADPH PDMP Training Programs

Source: ADPH

Role: Co-Investigator

Status: Funded

Amount: \$

Dates: 2019-2020

Title: ADMH Opioid Training Institutes Grant Proposal

Source: ADMH

Role: Primary Investigator

Status: Funded

Amount: \$1,484,242

Dates: 2018-2019

Title: ADPH grant for interprofessional education related to opioid awareness  
Source: ADPH  
Role: Investigator  
Status: Funded  
Amount: \$109,951.00  
Dates: 2018-2019

Title: Collaborating to Combat Misuse and Abuse of Illicit and Prescription Drugs in Alabama: An Interprofessional Conference  
Source: ADPH  
Phillippe HM(co-PI), Fox BI(co-PI), Marlowe K, Fowler A, Hill S.  
Role: Expert Advisor  
Amount: \$8,593  
Status: Funded  
Dates: 2017-2018

Title: Collaborating to Combat Misuse and Abuse of Illicit and Prescription Drugs in Alabama: An Interprofessional Conference  
Phillippe HM(co-PI), Fox BI(co-PI), Marlowe K, Fowler A, Hill S.  
Source: ALDECA  
Role: Investigator  
Amount: \$183,492  
Status: Funded  
Dates: 2016-2017

Title: Mayday Fellowship Finalist – one of 10 finalists for International fellowship  
Source: Mayday Fund  
Status: not awarded  
Dates: 2012

Title: Center for Excellence in Pain Education – University of Alabama at Birmingham  
Source: National Institutes of Health  
Role: Contributing Author for Curriculum and Reviewer  
Status: 10 Interdisciplinary Centers in the United States have been designated as Centers of Excellence to create curriculum for health care providers focused on particular areas of expertise  
Dates: 2011-2013

Title: An Evaluation Of The Impact Of A Collaborative Care-model For Pharmacist Interventions On Self-reported Barriers To Adherence In A High-risk, Ambulatory Care Clinic Population

Source: Novartis Pharmaceuticals

Role: Co-Investigator with Brad Wright and Kem Kreuger

Status: Funded, complete

Dates: 6/1/2010 – 12/31/2012

Total Funds: \$51,600

Title: Improving access to care of asthma patients in the Mobile County and surrounding rural counties via the Breathmobile and direct pharmacist education.

Source: Outreach Grant Auburn University

Role: Co- Investigator (Allison Chung – Principal Investigator)

Dates: 06/01/2007-06/01/2009

Status – Funded, complete

Total Funds: \$10,000 (total for all years)

## **BIBLIOGRAPHY**

### **Book Chapters**

**Marlowe KF.** A Review of Pain Management in the Ambulatory Setting. In: Updates in Therapeutics®: The Ambulatory Care Pharmacy Preparatory Review and Recertification Course. 2<sup>nd</sup> Ed. Washington DC: American College of Clinical Pharmacy, 2012: 1-227-252.

Eiland LS, **Marlowe KF.** Pediatric Palliative Care. In: Strickland JM. Palliative Pharmacy Care. 1st Ed. Bethesda: American Society of Health-System Pharmacists, 2009:31-40.

### **Essays**

**Marlowe KF.** Advocating for the pain patient using knowledge and empathy. In: *Nourishing the Soul of Pharmacy: Stories of Reflection*; Zlatic TD, Zellmer WA, eds., published by the American College of Clinical Pharmacy (copyright 2011).

**Journal Publications/Original Papers**

Helmer AM, Slater NA, **Marlowe KF**, Surry D, McCoy EK. Comparing faculty evaluations of student journal club presentations with student self- and peer evaluations during advanced pharmacy practice experiences. Accepted *Currents in Pharmacy Teaching and Learning*, 2019. Anticipated publication Volume 12, Issue 5 (May 2020).

Wright, B.M., Hornsby, L., Marlowe, K.F. et al. *TechTrends* (2018) 62: 224. <https://doi.org/10.1007/s11528-018-0283-8>.

Eiland L, Sacks G, **Marlowe KF**. *Currents in Pharmacy Teaching and Learning* 2014; 6(6): 752-758.

**Marlowe KF**, Wargo K, Kelley K. Peer Review of the Curriculum as a Continuous Process of Improvement. *Currents in Pharmacy Teaching and Learning* 2012; 4(3): 157-164.

**Marlowe KF** and Geiler R. Pharmacist's role in dispensing opioids for acute and chronic pain. *Journal of Pharmacy Practice* 25(5):497-502.

Travis R, Ray G, **Marlowe KF**. A report of severe nausea and vomiting with discontinuation of chronic use of *Salvia divinorum*. *Case Reports in Medicine* 2011; Article ID 543747, 4 pages.

Fox B, McDonough S, McConatha B, **Marlowe KF**. Technology considerations for establishing and maintaining a satellite campus connected by synchronous video conferencing. *American Journal of Pharmaceutical Education* 2011; Vol 75: Article 91.

Jungnickel PW, Kelley KW, Hammer DP, Haines ST, **Marlowe KF**. Addressing competencies for the future in the professional curriculum. *American Journal of Pharmaceutical Education*. 2009; 73(8): Article 156.

**Marlowe KF**. Treating fibromyalgia requires a multidisciplinary approach. *America's Pharmacist*. 2008;130 (3):37-46.

**Marlowe KF**, Howard D, Chung A. New onset diabetes with ketoacidosis attributed to quetiapine. *Southern Medical Journal*. 100(8):829-31, 2007 Aug.

**Marlowe KF**. A multidisciplinary approach to chronic regional pain syndrome. *US Pharmacist* 2007; 32(4): HS29-HS39.

Amato A, **Marlowe KF**. Severe case of phenytoin-induced anticonvulsant hypersensitivity syndrome. *American Journal of Health System Pharmacy*. 62(21):2295-2297, 2005 Nov 1.

**Marlowe KF.** Update on treating infections in the pediatric and neonatal intensive care units. *Journal of Pharmacy Practice.* 2005; 18: 3-8.

**Marlowe KF,** Woods D. Description of a program to instruct pharmacists in code response. *Hospital Pharmacy.* 2004;40(1):49-53.

Townsend KA, **Marlowe KF.** Relative safety and efficacy of finasteride for treatment of hirsutism. *Annals of Pharmacotherapy.* 38 (6): June 2004

**Marlowe KF,** Chicella MF, Claridge TE, Pittman SW. An assessment of vancomycin pharmacokinetic variability in pediatric cardiology patients. *J Pediatric Pharmacology Therapeutics* 2003;8;132-7.

**Marlowe KF.** Urticaria and asthma exacerbation after ingestion of menthol-containing lozenges. *American Journal of Health-System Pharmacy.* 60(16):1657-9, 2003 Aug 15.

Chicella M, Jansen P, Parthiban A, **Marlowe KF,** Bencsath FA, Krueger KP, Boerth R. Propylene glycol accumulation associated with continuous infusion of lorazepam in pediatric intensive care patients. *Critical Care Medicine.* 30(12):2752-6, 2002 Dec.

**Marlowe KF,** Chicella MF. Treatment of sickle cell pain. *Pharmacotherapy.* 22(4):484-91, 2002 Apr.

**Marlowe K.** Sotalol a new therapy for pediatric ventricular arrhythmias. *Journal Pediatric Pharmacy Practice* 2001; 4: 100.

Chicella M, Thrower R, Green JW, Jansen P, Krueger K, **Marlowe KA,** Frye K, Beals DA. Deep Sedation Guidelines for Burn Care in a Pediatric Intensive Care Unit. *Journal Investigative Medicine* 2001; 49: 110A.

Hahn K, **Marlowe K,** Chicella M. Survey of pharmaceutical services in pediatric resuscitation. *American Journal Health-System Pharmacy* 2001; 58:1626-8

**Falck K,** Darsey E, Naughton M. Pharmacy Interventions in a Multidisciplinary Pediatric Intensive Care Unit. *Journal Pediatric Pharmacy Practice* 1997; 2: 162-167.

**Poster Presentations:**

Different professions' perceived roles and beliefs in addressing Alabama's drug misuse and abuse problem: Findings of an interprofessional program.

Lindsey Hohman; Brent I Fox; Haley Phillippe; **Karen F Marlowe**; Sarah Hill; Amanda Fowler

(APhA) Annual Meeting & Exposition  
Seattle, Wa  
March 2019

Integrating learning from the beginning to optimize practice ready pharmacists

Channing R. Ford; Julaine M. Fowlin; Lori Hornsby; **Karen F Marlowe**; Tim Moore; Daniel Surry; Brad Wright

AACP Annual Meeting  
Boston, MA  
July 2018

Bringing communities together: An interprofessional program to combat addiction

Haley Phillippe, Brent Fox, **Karen F Marlowe**, Lindsey Hohmann, Sarah Hill, Amanda Fowler

American Society of Health System Pharmacists – Midyear Clinical Meeting  
Orlando, Fl  
December 2017

Crossing the Lines: An Interprofessional Program to Combat Addiction

Haley Phillippe, Brent Fox, **Karen F Marlowe**, Lindsey Hohmann, Sarah Hill, Amanda Fowler

Annual Meeting, American Society of Consultant Pharmacists  
Orlando, Fl  
October 2017

Curricular Revision through Backward Design and Integration

Lori Hornsby, Julaine M. Fowling, Daniel Surry, Channing Ford, **Karen F. Marlowe**, Brad Wright, Timothy Moore

AACP Annual Meeting  
Nashville, TN  
July, 2017

Curricular Integration through Backward Design: CAPE Domain 4

Lori Hornsby, Julaine M. Fowlin, Daniel Surry, Channing Ford, **Karen F. Marlowe**, Brad Wright, Timothy Moore, Lee Evans

AACP Annual Meeting  
Nashville, TN  
July, 2017

Curricular Revision through Backward Design and Integration  
Lori Hornsby, Julaine M. Fowlin, Daniel Surry, Channing Ford, **Karen F. Marlowe**, Brad Wright  
Celebrations in Teaching  
Auburn, AL January, 2017

Web-based Curriculum Mapping: A Pharmacy Education Perspective:  
Julaine M. Fowlin, Daniel Surry, Bradley M Wright, Lori Hornsby, Channing Ford, and **Karen F Marlowe**  
Celebrations in Teaching  
Auburn, AL  
January, 2017

From Standards to the Curriculum: Defining the Practice Ready Graduate  
Wright B, Hornsby L, Fowlin J, Surry D, Ford C, Marlowe K.  
Auburn University's Conversations in Celebration of Teaching  
Auburn, AL  
January 2017

Developing a mapping process for continuous quality improvement  
Anne Marie Liles, Salisa Westrick, Nathan Pinner, **Karen F. Marlowe**  
American Association of Colleges of Pharmacy  
Balitmore, MD  
July, 2015

Success of the Development of Faculty Mentor Teams in a Pharmacy Practice Department  
Lea Eiland, **Karen F Marlowe**, Gordon Sacks  
American Association of Colleges of Pharmacy  
Chicago, IL  
July, 2013

Outcomes and faculty perception of a continuous quality improvement approach to curricular review  
**Karen F. Marlowe**, Dana G. Carroll, Lea S. Eiland, Kristen L. Helms, Lori B Hornsby, Kristi W. Kelley, Paul W. Jungnickel, Emily McCoy, William R. Ravis, Kurt Wargo, Salisa C Westrick, Brad Wright, R. Lee Evans.  
American Association of Colleges of Pharmacy  
Chicago, IL - July, 2013

Evaluation of a collaborative care model for pharmacist interventions to impact medication adherence for hypertension  
Wright B, **Marlowe KF**, Crook E  
American Society of Hypertension Annual Meeting  
San Francisco, CA  
May 2013

Description of medication adherence in a teaching Internal Medicine Clinic  
Wright B, **Marlowe KF**, Crook E  
Louisiana Chapter of the American College of Cardiology  
New Orleans, LA  
November 2012

Evaluation of prescribing practices in the treatment of pain and nausea  
associated with acute pancreatitis at a tertiary care hospital  
Watts C, Treadway S, **Marlowe KF**  
American College of Clinical Pharmacy Annual Meeting  
Hollywood, FL  
October 2012

Evaluation of medication adherence in a medically underserved population  
Wright B, **Marlowe KF**, Crook E  
American College of Clinical Pharmacy Annual Meeting  
Hollywood, FL  
October 2012

Ambulatory care pharmacists' perceptions and knowledge regarding risk  
evaluation and mitigation strategies (REMS)  
**Marlowe KF**, McCoy E  
American College of Clinical Pharmacy Annual Meeting  
Pittsburgh, PA  
October 2011

Ambulatory care pharmacists' perceptions and knowledge regarding controlled  
substance registries  
**Marlowe KF**, McCoy E  
Pain Week  
Las Vegas, NV  
September 2011

Practicing pharmacists' perceptions & knowledge regarding opioid risk  
evaluation & mitigation strategies (REMS) in community & ambulatory practice  
**Marlowe KF**, McCoy E, Boren K  
American Society of Health System Pharmacists – Midyear Clinical Meeting  
Anaheim, CA  
December 2010

Evaluation of prescribing practices in the treatment of pain associated with  
acute pancreatitis  
Humphries L, Adams M, **Marlowe KF**  
American Society of Health System Pharmacists – Midyear Clinical Meeting  
Anaheim, CA  
December 2010

Survey on student pharmacist perception of pain and pain medications

**Marlowe KF**, Howard S

Pain Week

Las Vegas, NV

September 2010

Credentialing and recognition: recommendations from the strategic planning summit for pain and palliative care pharmacy

Kral L, Herndon C, Dole E, Sikes C, **Marlowe KF**, Kullgren J, Gable K, and Hawkins JL

American College of Clinical Pharmacy Spring- Practice and Research Forum  
North Carolina

April 2010

Changes in interdisciplinary publication in pharmacy and medical literature.

Morgan EC, Davis KJ, **Marlowe KF**, Adams M, Karwa R.

American Society of Health System Pharmacists – Midyear Clinical Meeting

Las Vegas, NV

December 2009

Retrospective evaluation of the relationship of vancomycin dosing and serum trough concentrations in an obese population

Katsanevas K, Rable K, Karwa R, Wright B, **Marlowe KF**

American Society of Health System Pharmacists

Las Vegas, NV

December 2009

Auburn University Harrison School Of Pharmacy: A system of health care providers helping the citizens of Alabama meet their public healthcare goals.

Eiland L, Evans L, Kleppinger E, Mann E, **Marlowe K**, Stevenson L.

ACCP Annual Meeting. Harrison School of Pharmacy Poster -

Chicago, IL

July 2008.

School-wide utilization of a course peer review process.

**Marlowe K**, Kelley K, DeRuiter J, Donaldson A

American Association of Colleges of Pharmacy (ACCP) Annual Meeting

Chicago, Il

July 2008

Opening a satellite pharmacy campus: planning, implementing, and evaluating the project.

Fox BI, McDonough SK, **Marlowe KF**, McConatha BJ  
American Association of Colleges of Pharmacy Annual Meeting  
Chicago, IL  
July, 2008

Community pharmacists' perceptions regarding pain and pain patients.  
American Academy of Pain Management Annual Meeting

**Marlowe KF**  
Nashville, TN  
September, 2008

Closing the loop: Curricular mapping strategies in the Auburn University  
Harrison School of Pharmacy-

McDonough S, Helms K, DeRuiter J, Kelley K, Jungnickel P, Evans L,  
Donaldson A, **Marlowe K**  
American Association of Colleges of Pharmacy Annual Meeting  
Orlando, FL  
July, 2007

Pharmacist perceptions of chronic pain management –

**Marlowe KF**  
American Academy of Pain Management – Annual Meeting  
Orlando, FL  
September 2006

Program to educate pharmacists in the proper response to resuscitation efforts

**Marlowe KF**, Woods D  
American College of Clinical Pharmacy  
St. Louis, MO  
April 2003

Vancomycin dosing in pediatric cardiology patients –

**Marlowe KF**  
Pediatric Pharmacy Advocacy Group Meeting  
San Diego, CA  
October 2001

Propylene glycol toxicity in continuous lorazepam infusions –  
Chicella M. Jansen P. Parthiban A. **Marlowe KF**. Bencsath FA. Krueger KP.  
Boerth R  
Critical Care Research  
New Orleans, LA  
February 2001

Evaluation of pharmacy services related to pediatric resuscitation efforts in the  
United States  
Woods D, **Marlowe KF**  
Pediatric Pharmacy Advocacy Group Meeting  
Hilton Head, SC  
October 2000

Evaluation of a training program for pharmacist participation in pediatric  
resuscitation efforts  
Woods D, **Marlowe KF**  
Pediatric Pharmacy Advocacy Group Meeting  
Beaver Creek, CO  
October 1999

Appraisal of medication education given to caregivers at a children's hospital  
**Marlowe KF**  
Pediatric Pharmacy Advocacy Group Meeting  
Seattle, WA  
October 1997

Tobramycin dosing in the Cystic Fibrosis population: Determining an  
appropriate initial dose for adolescents  
**Marlowe KF**, Darsey E  
ASHP Midyear Meeting  
New Orleans, LA  
December 1996

Pharmacy interventions in a multidisciplinary Pediatric Intensive Care Unit  
**Marlowe KF**, Darsey E, Naughton M  
Pediatric Pharmacy Advocacy Group Technical Meeting  
Scottsdale, AZ  
September 1996

Tobramycin dosing in the Cystic Fibrosis population: Determining an appropriate initial dose by age group **Marlowe KF**, Darsey E  
Pediatric Pharmacy Advocacy Group Technical Meeting  
Newport, RI  
October 1995

### **Current Research Projects-Unfunded**

Retail pharmacists' attitudes regarding chronic pain patients and the impact on pharmaceutical care – a 3 year study

Pharmacist publication rates in the medical literature

A survey of current practice regarding use of opiates for peripheral neuropathy

### **Invited Lectures/Workshops/Presentations:**

“The changing face of the crises in Alabama”  
3<sup>rd</sup> Annual Conference on Ethics and Opioids  
University of South Alabama – Mobile, AL  
November 1, 2019

“In the trenches of curricular integration: a survival guide.”  
American Association of Colleges of Pharmacy – Pharmacy Practice Section  
Presentation  
Wright, Brad; Fowlin, Julaine; Marlowe, Karen; Hornsby, Lori; Ryan, Shane;  
Whalen, Karen  
Chicago, IL  
July, 2019

“Faculty to Faculty Mentoring – It is not one size fits all”  
American Association of Colleges of Pharmacy – Pharmacy Practice Section  
Presentation  
Eiland, Lea; Haack, Sally; Malcolm, Daniel; Marlowe, Karen; Tran, Karen  
Chicago, IL  
July, 2019

“Orientation Re-envisioned: Preparing for School and Career using the PPCP”  
American Association of Colleges of Pharmacy  
Wright, Brad; Marlowe, Karen  
Chicago, IL  
July, 2019

“Opioids: the good, the bad, and the ugly: A trivia challenge to test your knowledge”

Mississippi Society of Health System Pharmacists

Oxford, MS

July, 2019

“Moving Past Silos – Communication and Collaboration”

Opioid Training Institutes

Funded by Alabama Department of Mental Health

Point Clear, Huntsville, Troy, Auburn, Tuscaloosa, Birmingham

June – August 2019

“Let’s make a difference: Naloxone”

Opioid Training Institutes

Funded by Alabama Department of Mental Health

Birmingham, Huntsville, Cullman, Montgomery, Auburn, Dothan, Mobile

June – August 2019

“Are you hearing what I am saying”

Conquering the Crisis: Fighting Substance Misuse in Alabama

Funded by Alabama Department of Public Health

Birmingham, Huntsville, and Montgomery, AL

February and March 2019

“The opioid dilemma – What is your role as a pharmacist?”

Harrison School of Pharmacy – Professional Seminar Series

February 8, 2019

“The Paradox of Opioid Prescribing – Do No Harm”

University of South Alabama Continuing Education – Opioid Ethics Conference

Mobile, AL

November 9, 2018

“Bridging the gap – providing pain management in difficult times”

University of South Alabama OB/GYN Regional Conference

Mobile, AL

September 27<sup>th</sup> and 28<sup>th</sup>, 2018

“Bridging the gap between pain management and diversion”

Conquering the crisis – fighting substance misuse in Alabama

Funded by Alabama Department of Public Health

Mobile, AL –

July 19, 2018

“One size fits all – NOT!”

Conquering the crisis – fighting substance misuse in Alabama  
Funded by Alabama Department of Public Health  
Florence, Dothan, Mobile, and Birmingham – May, June, and July - 2018

“Oh what a tangled web we weave!”

Harrison School of Pharmacy Summer Continuing Education Session –  
Auburn, AL – July 2018

“Multimodal Pain Strategies: A focus on diversion prevention, TJC  
recommendations, and the use in the midst of shortages.”

ALSHP Summer Meeting – Pensacola, FL  
June 17, 2018

“It is not for everyone..”

AUSSHP – Mobile and Auburn, AL  
February 12, 2017

“Nothing is easy”

Gulf Coast Addiction Conference  
Orange Beach, AL  
October 26, 2017

“How can we walk the tight rope of prescribing?”

Medical Management Meetings – Regional Care Organizations  
Baldwin, Mobile, Escambia, and Monroe Counties  
September 28, 2017

“Pain, Pain go away, come again another day”

Medical Management Meetings – Regional Care Organizations  
Baldwin, Mobile, Escambia, and Monroe Counties –  
June 1 and June 8, 2017

“Acting with Caution”

Alabama Counseling Association – Spring Ethics Workshop  
Mobile, AL  
April 25, 2017

“For every action...”

Opioid Education Program – Funded by ALDECA grant  
Huntsville, AL and Montgomery, AL  
January 2017

“Assessment of pain in non-verbal adults: When pain needs a voice”  
Senior Care Consulting  
Birmingham, AL and Mobile AL  
August 2016 and September 2016

“Top ten errors we make with end of life patients”  
Senior Care Consulting  
Birmingham, AL and Mobile AL  
August 2016 and September 2016

“End of life Considerations – incorporating an ethical assignment into a palliative care course”  
Part of – Re-establishing ethics, geriatrics and health disparities as essential components of the Pharm D curriculum  
Presenter: Marlowe, Karen F  
American Association of Colleges of Pharmacy  
July, 2016  
Anaheim, CA

“We are all caught in a trap”  
Keynote Address: Karen F Marlowe  
Drug Advocacy Council – Prescription Drug Abuse Summit  
January, 2016  
Mobile, AL

“Addiction in healthcare”  
Keynote Address: Karen F Marlowe  
Target Drug Abuse Summit  
October, 2015  
Auburn, AL and Mobile, AL

“Immunosuppressive effects of opioids – a class comparison”  
Presenter: Marlowe, Karen F  
American College of Clinical Pharmacy  
October, 2014  
Austen, TX

“Hospice is an equal opportunity care environment”  
Harrison School of Pharmacy Summer Continuing Education Session –  
Auburn, Birmingham and Mobile, AL – July 2014

“Pain Management – wiping the slate clean”  
Keynote Address: Marlowe, Karen F  
St. Vincent Hospital Continuing Education Conference  
Birmingham, AL  
October 2013

“Assessment of pain in non-verbal patients”

Presenter: Marlowe, Karen F  
American College of Clinical Pharmacy  
Albuquerque, NM  
October 2013

“A practical approach to Urine Drug Screens in the Ambulatory Care Setting”

Presenter: Marlowe, Karen F  
American College of Clinical Pharmacy  
Albuquerque, NM  
October 2013

“Mapping is an action VERB!”

Presenters: Marlowe, Karen F and Duncan, Wendy (Drake)  
American Association of Colleges of Pharmacy  
Chicago, Il  
July 2013

“Student Leadership Development: Bridging the Gap with Distant Campuses”

Presenters: Marlowe, Karen F, Debbie C. Byrd, The University of Tennessee;  
Stephanie J. Phelps, The University of Tennessee; Paul W. Jungnickel, Auburn  
University; Brad Wright, Auburn University  
American Association of Colleges of Pharmacy  
Chicago, Il July 2013

“Pain Management an evidence based approach – the good, the bad, the ugly!”

Medicaid Provider Continuing Education Program  
Audience – Nurses, Pharmacists, Physicians  
Birmingham, AL  
April 25, 2013

“Pain Management in Ambulatory Care”

Board Certification Ambulatory Care Review Course - ACCP  
Reno, NV – April 19, 2013

“Unified by Purpose: a mission of opportunity”

Presentation on Academic mentoring for Mercer College of Pharmacy Faculty  
Atlanta, GA  
April 2, 2013

“Reflective writing to encourage appropriate management of pain by pharmacy students” –

Writing across the Curriculum Conference – Invited Panel Presentation

Quinnipiac University

Hamden, CT – November 2012

“Aging hurts: A review of pain management in the elderly” Harrison School of Pharmacy Summer Continuing Education Session – Auburn, Birmingham and Mobile, AL – July 2012

“We are here to make a difference” – Annual Consultant Update

Alabama Society of Health System Pharmacists – Birmingham, Alabama

December 16, 2011

“Opioid REMS – The potential to change us all” – Annual Sickle Cell Conference – University of South Alabama – April 4, 2011

“Opioid REMS – The future of practice will change” – Professional Seminar Series – Harrison School of Pharmacy – January 24, 2011

“Opioid REMS challenging future practice” ALSHP Fall Meeting – Birmingham, AL – October 2010

“Once upon an opioid REMS” Harrison School of Pharmacy Summer Continuing Education Session – Auburn, Huntsville and Mobile, AL – July 2010

“Oh my aching back!-an evidence based approach to back pain” Harrison School of Pharmacy Spring Continuing Education Session – Auburn and Mobile, AL – March 2010

“Chronic Pelvic Pain” - Harrison School of Pharmacy Summer Continuing Education Series – Auburn and Mobile, AL – September 2009

“Oh no, Here we go again – Chronic pain patients in the acute care setting” Harrison School of Pharmacy Summer Continuing Education Series – Auburn and Mobile, AL – June 2009

“How do I live with this – seminar on the adverse effects of chronic opioid therapy”

Harrison School of Pharmacy Summer Continuing Education Series – Auburn and Mobile, AL – June 2009

“What’s my sugar got to do with my pain?” - Harrison School of Pharmacy Continuing Education Series – Auburn, AL – July 2008 and Panama City August 2008

“Methadone, Methadone – Oh my!” - Harrison School of Pharmacy Continuing Education Series – Auburn, AL – July 2008 and Panama City August 2008

“Cancer Pain – It’s more than Morphine” – Harrison School of Pharmacy Continuing Education Series – Auburn, AL – August 2007

“Honey, I’ve got a headache – Migraines and cluster headaches” – Harrison School of Pharmacy Continuing Education Series – Auburn, AL August 2007

“Fibromyalgia – the real McCoy” – Harrison School of Pharmacy Continuing Education Series – Auburn, AL – August 2007

“Pain Management – ethics and barriers to care” – Alabama Academy of Family Practice – Destin, FL – June 2007

“I’ve got this pain – an update on pain pharmacotherapy” – Alabama Pharmacy Association Winter Meeting – Birmingham, AL – February 2006

“Ethics in Pain Management” – Harrison School of Pharmacy Professional Seminar Series – Auburn University - November 2006

“Update on Peripheral Neuropathy – I’ve got this pain!” - Auburn Summer Continuing Education Series –Auburn and Panama City – August 2006

“HIV – more than just an immune system disease” - Auburn Summer Continuing Education Series –Auburn and Panama City – August 2006

“Chronic Pain patients in the Inpatient Setting – Georgia Society of Health System Pharmacists – Summer Meeting – Amelia Island, FL – July 2006

“Chronic Pain: How to practice with a lack of evidence” – University of South Alabama – Internal Medicine Grand Rounds – April 2006

“Geriatric Pneumonia and UTI – the pharmacist’s role” – Auburn Summer Continuing Education Series –Panama City – August 2005

“Pain a different approach-pharmacotherapy in reverse” – Auburn Summer Continuing Education Series – Huntsville and Panama City – August 2005

“HIV for the inpatient pharmacist” – Alabama Society of Health System Pharmacists – Destin, FL, July 2005

“Pain: a new view” – Alabama Pharmacy Association Winter Meeting – Mobile – February 2005

“Who said diabetes was a sugar disease?” – Auburn Summer Continuing Education Series – Huntsville and Panama City – August 2004

“Update on HIV” – Auburn Summer Continuing Education Series – Huntsville and Panama City – August 2004

“Anti-platelet agents for acute and chronic coronary syndromes” – Summer Continuing Education series Auburn University School of Pharmacy – Gulf Shores and Lake Guntersville, AL – August, 2002

“Pharmacotherapy of Pain” – Nursing Update University of South Alabama School of Nursing – Mobile, AL – May 2001, Sept 2002, September 2004

“St. John’s Wort a Dangerous Alternative” Pharmacy Grand Rounds – Egleston Children’s Hospital Atlanta, GA – April 2000

“Top ten drug level errors” Pharmacy Grand Rounds – Egleston Children’s Hospital Atlanta, GA - May 1998

“Can they taste, touch, hear, see and smell?” Pharmacy Grand Rounds – Egleston Children’s Hospital Atlanta, GA - August 1997

“A day in the life of a pediatric pharmacist” Auburn University School of Pharmacy Grand Rounds - April 1997

“Vaccine Update: A new opportunity for pharmaceutical care” Georgia Society of Health System Pharmacists Winter Meeting - Augusta, GA - March 1997

“Otitis, Meningitis, and Dosing Considerations in Pediatrics” Bachelor of Science Therapeutics - Auburn University - April 1996

“Antibiotic Use and Misuse: Are We Encouraging Resistance?” Pharmacy Grand Rounds - Egleston Children’s Hospital – Atlanta, GA, March 1996

“Pharmacist Interventions in a Multidisciplinary Pediatric ICU” Southeast Residency Conference – Athens, GA – April 1996

“Cardiovascular Medications in Infants and Children” Georgia Nurse Practitioners - February 1996

“Treatment of Pediatric Infectious Diseases - Meningitis and Otitis Media” Doctor of Pharmacy Therapeutics - Auburn University - October 1995 - 1997

“Treatment of Gastrointestinal Disorders” Adult Nurse Practitioners Program - Emory School of Nursing - October 1995

“Update on Pediatric Vaccines” Pharmacy Grand Rounds - Egleston Children’s Hospital - September 1995