

University of Michigan Medical School

CURRICULUM VITAE

Prepared 9/2016

Name: Richard Joseph Auchus

Current title and department: Professor of Internal Medicine, MEND Division

2011-present

EDUCATION:

1978-82	Massachusetts Institute of Technology, Cambridge, MA	1982	S.B.	Chemistry
1982-88	Washington University, St. Louis, MO	1988	M.D.	Medicine
			Ph.D.	Pharmacology
1988-91	University of Iowa Hospitals & Clinics, Iowa City, IA	Resident		Internal Medicine
1991-93	UTHSC-San Antonio/Wilford Hall MC, San Antonio, TX	Fellow		Endocrinology
1993-95	Wilford Hall USAF Medical Center, Lackland AFB, TX	Staff M.D.		Endocrinologist
1995-96	University of California, San Francisco	Res. Fellow		Pediatric Endocr.

LICENSES, CERTIFICATIONS, ETC.:

1988 Medical License (Training), Iowa  
1991 Medical License, Pennsylvania  
1991 Certified, American Board of Internal Medicine (field: internal medicine)  
1993 Certified, American Board of Internal Medicine (field: endocrinology, diabetes, & metabolism)  
2011 Recertified, American Board of Internal Medicine (field: endocrinology, diabetes, & metabolism)  
1995 Medical License (Training), California  
1996 Medical License, California, (G083390 )  
2000 Medical License, Texas (L0004)  
2011 Medical License, Michigan (4301099518)

PRINCIPAL POSITIONS HELD:

1981-82	Mass. Institute of Technology, Cambridge, MA	Teaching Assistant in Chemistry
1984-85	Washington University, St. Louis, MO	Teaching Assistant in Cell Biology
1984-87	Washington University, St. Louis, MO	Teaching Assistant in Pharmacology
1993-95	Wilford Hall Medical Center, Lackland AFB, TX	Staff Endocrinologist and Endocrinology Research and Education Coordinator
1996-99	University of CA, San Francisco	Asst. Res. Endocrinologist, Pediatrics
1999-2005	University of TX, Southwestern Medical School	Assistant Professor of Internal Medicine
2005-2008	University of TX, Southwestern Medical School	Associate Professor of Internal Medicine
2008-2011	University of TX, Southwestern Medical School	Professor of Internal Medicine
2011-now	University of Michigan Medical School	Professor of Internal Medicine

ANCILLARY POSITIONS HELD CONCURRENTLY:

1993-94	Univ. of TX Health Sciences Center, San Antonio, TX	Clinical Instructor of Medicine
1994-95	Univ. of TX Health Sciences Center, San Antonio, TX	Clinical Asst. Prof. of Medicine
1993-95	Uniformed Services Univ. of Health Sci., Bethesda, MD	Assistant Professor of Medicine

1997-99	University of CA, San Francisco	Asst. Clinical Prof. of Medicine
1997-99	San Francisco General Hospital, San Francisco, CA	Staff Endocrinologist
2000-2011	Parkland & ZLU Hospitals, Aston Clinic, VANTHCS	Staff Endocrinologist
2001-2011	St. Paul Medical Center	Staff Endocrinologist
2008	University of Birmingham, Birmingham, UK	Honorary Senior Research Fellow
2009-2010	UT Southwestern Medical Scientist Training Program	Associate Director
2009-2011	UT Southwestern Division of Translational Research	Interim Chief
2009-2011	Parkland Hospital	Chief, Endocrinology Service
2009-2011	Houston J. and Florence A. Doswell Center for the Development of New Approaches for the Treatment of Hypertension	Director
2010-2011	Space Committee, Dept of Internal Medicine, UTSW	Member
2011-now	University of Michigan Health Care Systems	Staff Endocrinologist
2011-now	Endocrinology Fellowship Program, Univ. of Michigan	Program Director
2011-now	University of Michigan Comprehensive Cancer Center	Core Member
2014-now	University of Michigan, Department of Pharmacology	Professor

#### HONORS AND AWARDS:

1980	AFROTC General Dynamics Award
1981	Atlantic Richfield Prize, MIT Chemistry Department
1982	AFROTC Legion of Valor
1982	Alpha Chi Sigma Prize, MIT Chemistry Department
1982	AFROTC William Randolph Lovelace Award; Distinguished Graduate
1982	Phi Beta Kappa, Xi Chapter, MIT
1987-88	Olin Fellow, Division of Biology and Biological Sciences, Washington University
1995-96	Howard Hughes Medical Institute Postdoctoral Fellow
1996	Air Force Commendation Medal
1997	Endocrine Society Travel Award
1999	Merck Scholar, University of Texas Southwestern Medical School
2004-2006	Reynolds Associate, University of Texas Southwestern Medical School
2006-now	Burroughs Wellcome Clinical Scientist Award in Translational Research
2007	Jean D. Wilson, MD Award for Excellence in Scientific Mentoring at UT Southwestern
2008	“Best Doctors in Dallas” List, D Magazine
2009	“Best Doctors in Dallas” List, D Magazine
2009-2011	The Charles A. and Elizabeth Ann Sanders Chair in Translational Research
2010	“Best Doctors in Dallas” List, D Magazine
2011	Pioneer Award, CARES Foundation
2014	Fellow, American College of Endocrinology
2014	Outstanding Reviewer, <u>Steroids</u>
2015	Outstanding Reviewer, <u>J Clin Endocrinol Metab</u>
2015	Recognized Reviewer, <u>J Steroid Biochem Mol Biol</u>
2015	Teacher of the Year, University of Michigan Endocrinology Fellowship
2015	Clinical Endocrinology Trust Visiting Professor, British Endocrine Society
2015	Outstanding Speaker, American Association for Clinical Chemistry Annual Meeting

#### MEMBERSHIPS IN PROFESSIONAL ORGANIZATIONS:

1982-88	American Chemical Society (associate member)
1991-95	Society of Air Force Physicians
1991-95	Society of Uniformed Endocrinologists

1988-2011 American College of Physicians/American Society of Internal Medicine  
 1995-now Endocrine Society  
 2001-2010 Dallas County Medical Society/Texas Medical Association  
 2010-now American Association of Clinical Endocrinologists  
 2013-now American Heart Association  
 2011-now American Professors of Diabetes, Endocrinology, and Metabolism  
 2016-2017 American Professors of Diabetes, Endocrinology, and Metabolism, Council Member

PROFESSIONAL ACTIVITY

SERVICE TO PROFESSIONAL PUBLICATIONS:

1996-now	Endocrinology	ad hoc referee
1996-now	DNA and Cell Biology	ad hoc referee
1996-now	Endocrine	ad hoc referee
1997-now	Biochemistry	ad hoc referee
1997-now	Proc Natl Acad Sci (USA)	ad hoc referee
1999-now	Metabolism	ad hoc referee
1999-now	J Biological Chemistry	ad hoc referee
2000-now	J Clinical Endocrinology & Metab	ad hoc referee
2000-now	Molecular Endocrinology	ad hoc referee
2000-now	Molecular Genetics & Metab	ad hoc referee
2008-now	N Engl J Med	ad hoc referee
2001-2004	Clinical Endocrinology	Member, Editorial Board
2011-2014	Clinical Endocrinology	Member, Editorial Board
2004-2011	J Invest Med	Associate Editor
2010-2012	Molecular Endocrinology	Member, Editorial Board
2011-now	J Steroid Biochem Mol Biol	Member, Editorial Board
2012-now	Endocrinology	Associate Editor
2014-now	Clinical Diabetes & Endocrinology	Member, Editorial Board

OTHER PROFESSIONAL SERVICE:

1982-now	Massachusetts Institute of Technology, Cambridge, MA	Educational Council
1984-87	MIT Club of St. Louis	Sec.-Treasurer/VP/President
1984-87	Washington University, St. Louis, MO	Ad Hoc Curriculum Committee
1995-2001	American Board of Internal Medicine	Exam Contributor
2004-2006	MKSAP14 Endocrinology & Metabolism Committee	Member, Writer
2005-2006	Endocrine Society	Androgen Assay Working Group
2005-2008	Endocrine Society	Advoc Public Policy Committee
2006-2011	UTSW Pediatric Endo. Scientific Oversight Committee	Member
2007-now	Faculty of 1000	Member, Contributor
2007-2010	MKSAP15 Endocrinology & Metabolism Committee	Member, Writer
2007	Site Visit, NICHD, Reproductive Biol & Medicine Branch	Team Member/Reviewer
2008-2011	Endocrine Society Annual Mtg Steering Committee	Member, Team Leader 2010-11
2009	CARES Foundation, Comprehensive Care Center Meeting	Co-Chair
2009	AAMC Fifth Comprehensive Review of the MCAT	Participant
2009	Endocrine Society, Diversifying Clinical Trials Meeting	Participant
2010-now	Newborn Screening Translational Research Network	Participant
2010	Keith L. Parker Memorial Symposium	Program Chair

2010	Texas AACE Annual Meeting/Endocrine Surgery Symp	Program Chair
2010-2011	Texas Chapter, American Assoc Clinical Endocrinologists	Treasurer
2010-2012	Endocrine Society, Scientific Statements Task Force	Member
2012-2015	Endocrine Society, Research Affairs Core Committee	Member
2012-2016	Endocrine Society, Nominating Committee	Member; Chair 2015-2016
2012-now	AACE, Adrenal Scientific Committee	Member; Chair 2012-2015
2013-2015	MI AACE Chapter	Member, Board of Directors
2013-2014	MI AACE Annual Meeting	Program Co-Chair
2014	Endocrine Soc., Sex Steroid Assays Reporting Task Force	Member
2015-2016	Endocrine Society Board Review Course	Faculty Member
2015	5 <sup>th</sup> International Adrenal Cancer Symposium	Program Committee
2015-2016	MI AACE Chapter	Secretary-Treasurer
2015-2016	AACE Board of Directors	Advisor
2015-now	Endocrine Society Clinical Practice Guidelines on CAH	Member
2015-2016	17 <sup>th</sup> Conference on the Adrenal Cortex	Program Committee
2016-2017	MI AACE Chapter	President-elect

#### SCIENTIFIC AND PROFESSIONAL MEETINGS & WORKSHOPS ATTENDED:

##### INTERNATIONAL

- Euroimmunoanalyse '93, Lyon, France, 1993 (invited speaker)
- 2nd International Symposium on Molecular Steroidogenesis, Monterey, CA, 1996 (poster session)
- 10<sup>th</sup> International Conference on Cytochrome P450, San Francisco, CA, 1997 (poster discussion)
- 17<sup>th</sup> International Congress of Biochemistry and Molecular Biol./ASBMB, San Francisco, CA, 1997
- 8<sup>th</sup> Adrenal Cortex Conference, Orford, Quebec, Canada, 1998 (invited speaker)
- 9<sup>th</sup> Adrenal Cortex Conference, Toronto, Ontario, Canada, 2000 (invited speaker)
- 2nd International Symposium on the Developmental Aspects of Androgen Excess, Toronto, Ontario, Canada, 2000 (invited speaker)
- 12<sup>th</sup> International Conference on Cytochrome P450, La Grande Motte, France, 2001 (invited speaker)
- 10<sup>th</sup> Adrenal Cortex Conference, San Francisco, CA, 2002 (invited speaker)
- 11<sup>th</sup> Adrenal Cortex Conference, New Orleans, LA, 2004 (session chair)
- 14<sup>th</sup> International Conference on Cytochrome P450, Dallas, TX 2005
- 12<sup>th</sup> Adrenal Cortex/Molecular Steroidogenesis Conference, Boston, MA, 2006 (invited speaker)
- 1<sup>st</sup> International Symposium of Thyroid Diseases, Barranquilla, Colombia, 2006 (3 invited speakers)
- 12<sup>th</sup> Int Congress on Hormonal Steroids/Hormones & Cancer, Athens, Greece, 2006 (invited speaker)
- 5<sup>th</sup> Annual Meeting of the Androgen Excess Society, Toronto, Ontario, 2007 (invited speaker)
- Lawson Wilkins Pediatric Endocrine Soc. Ann. Mtg. & APS/SPR Mtg., 1999, 2007 (invited speaker)
- Workshop, Pre-receptor Steroid Metabolism as Target for Pharmacological Treatment, Grainau, Germany, 2008 (invited speaker)
- 13<sup>th</sup> Adrenal Cortex Conference, San Francisco, CA, 2008
- International Congress of Endocrinology, Rio de Janeiro, Brazil, 2008 (invited speaker); Beijing, China, 2016 (invited speaker)
- Progress in Primary Aldosteronism, Munich, Germany, 2009 (invited speaker)
- Update on Pediatric Adrenal Diseases, Turin, Italy, 2010 (invited speaker)
- 14<sup>th</sup> Adrenal Cortex Conference/Keith L. Parker Memorial Symposium, San Diego, CA, 2010
- Congress on Steroid Research, Chicago, IL, 2011 (invited speaker, organizing committee)

Experimental Biology Annual Meeting, 2011 (invited speaker)  
Canadian Fertility and Andrology Society, Annual Meeting, 2011 (invited speaker)  
ECE/International Congress of Endocrinology, Florence, Italy, 2012 (invited speaker)  
15<sup>th</sup> Adrenal Cortex Conference, League City, TX, 2012 (invited speaker)  
International Clinical Update in Endocrinology, Hyderabad, India, 2014 (invited speaker)  
16<sup>th</sup> Adrenal Cortex Conference, Chicago, IL, 2014 (invited speaker)  
First International Symposium on Endocrinology During Transition from Infancy to Adulthood, Santiago, Chile, 2014 (invited speaker)  
PUMCH Clinical Endocrinology & Metabolism Forum, Beijing, China, 2014 (invited speaker)  
Mexican Society of Nutrition & Endocrinology, 54<sup>th</sup> International Meeting, Merida, Yucatan Mexico, 2014 (invited speaker)  
Taiwanese Endocrine Society 35<sup>th</sup> Annual Meeting, Taipei, Taiwan, 2015 (invited speaker)  
Primary hyperaldosteronism: boundaries of diagnostics and therapy, Taipei, Taiwan, 2015 (invited speaker)  
13<sup>th</sup> Colombian Congress in Endocrinology, Diabetes, & Metabolism, Armenia, Colombia, 2015 (invited speaker, plenary lecture)  
European Congress of Endocrinology, Dublin, Ireland, 2015 (plenary lecture, session chair)  
Endocrine Update, Adrenal Disorders: Expanding Horizons, Seth G.S. Medical College and King Edward Memorial Hospital, Mumbai, India, 2015 (invited speaker x3)  
British Endocrine Society, Edinburgh, Scotland, 2015 (plenary lecture)  
European Society of Pediatric Endocrinology, Paris, France, 2016 (invited speaker)  
Brazilian & Endocrine Society Trial, 32<sup>nd</sup> Brazilian Congress of Endocrinology and Metabolism, Costa do Sauipe, Brazil (invited speaker x2)

## NATIONAL

American Chemical Society, 1986 (poster session)  
Magnetic Resonance in Biology and Medicine Gordon Research Conference, 1986 (poster session)  
Genetics and Molecular Biology of Breast Cancer, Cold Spring Harbor Laboratories, 1992  
Endocrine Society Annual Meeting, 1992, 1993 (poster), 1995 (2 posters), 1996, 1997 (paper), 1998 (poster), 1999 (poster), 2000 (poster), 2001 (2 posters, 2 papers), 2002 (5 posters, paper), 2003 (paper), 2004 (2 papers), 2005 (2 posters, invited speaker), 2006 (5 posters, invited speaker, meet-the-professor), 2007 (2 posters, debate participant), 2008 (5 posters), 2009 (3 posters, paper, debate moderator), 2010 (2 posters, case management forum, clinical practice guidelines moderator), 2011 (3 papers, 4 posters, case management forum), 2012 (paper, 6 posters, meet the professor), 2013 (2 papers, 3 posters, master clinician moderator), 2014 (6 posters, meet the professor), 2015 (invited speaker, 2 papers, 6 posters), 2015 (invited speaker, 8 posters), 2016 (invited speaker, 8 posters)  
American Diabetes Association, 1992, 1993, 1995  
National Diabetes Advisory Board, Phoenix, AZ, 1993 (ad hoc member)  
Recent Progress in Hormone Research, Stevenson, WA, 1995  
Howard Hughes Medical Institute Fellows' Meeting, Chevy Chase, MD, 1997 (paper)  
National Athletic Trainers' Association 53<sup>rd</sup> Annual Meeting, Dallas, TX, 2002 (invited speaker)  
U. S. Anti-Doping Agency GC/C/IRMS Conference, Los Angeles, CA, 2003 (invited speaker)  
Puerto Rico Urological Association 54<sup>th</sup> Annual Meeting, San Juan, PR, 2003 (invited speaker x2)  
American Society of Nephrology, Renal Week 2005, Philadelphia, PA, 2005 (invited speaker)  
Amer Academy of Forensic Sciences, 59<sup>th</sup> Annual Mtg, San Antonio, TX, 2007 (workshop speaker)  
North American Neuroendocrine Tumor Society Annual Meeting, 2009, 2010, 2012  
Am Assoc of Clinical Endocrinologists Annual Meeting, 2009 (invited speaker), 2011 (invited speaker), 2012 (invited speaker), 2013 (invited speaker), 2014 (invited speaker), 2015 (invited speaker & session chair), 2016 (invited speaker)

# Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

## Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

## Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

## Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

## API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

## LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

## FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

## E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.