

## **CURRICULUM VITAE**

### **David A. Gilmore, Jr., M.D.**

**Director of Toxicology**  
Colorado Permanente Medical Group  
Emergency Department  
St. Joseph Hospital  
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**SPECIALTY PRACTICE:**    Emergency Medicine, Internal Medicine.  
Clinical Pharmacology, Toxicology.

#### **PRESENT POSITIONS:**

1991- present	Director of Toxicology Emergency Department St. Joseph Hospital Colorado Permanente Medical Group
2013 - 2019	Academic Professor of Medicine (Ret) Department of Internal Medicine, Clinical Pharmacology, Toxicology University of Colorado, School of Medicine
1999 - 2013	Clinical Associate Professor in Medicine Department of Internal Medicine Division of Clinical Pharmacology and Toxicology University of Colorado Health Sciences Center
1991 - 1999	Adjunct Professor (Ret) Rocky Mountain Poison and Drug Center
1994 - 2015	AHA, ECC Science Publications Editor, Program Education Committee, Regional Faculty, Course Director, International Training Officer. CALs Regional Board: Desert-Mountain Affiliate, American Heart Association
1994 - present	BLS, PALS, ACLS & ACLS EP Course Director
1998 - present	Advanced Trauma Life Support (Provider)
2007 - present	Medical Director, Professional EMS Education, Grand Junction, Colorado

#### **EDUCATION:**

2013-2020	Academic Professor of Medicine (Ret) Department of Internal Medicine Division of Clinical Pharmacology and Toxicology University of Colorado, School of Medicine
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1999-2013	Clinical Associate Professor in Medicine Department of Internal Medicine Division of Clinical Pharmacology and Toxicology
1993-1999	Clinical Assistant Professor in Medicine Department of Internal Medicine Division of Clinical Pharmacology and Toxicology University of Colorado Health Sciences Center, UCHSC
1991-1993	Clinical Instructor in Medicine Department of Internal Medicine Division of Clinical Pharmacology and Toxicology, UCHSC
1989-1991	Post Doctoral Fellowship Clinical Pharmacology & Toxicology Division of Clinical Pharmacology and Toxicology, UCHSC
1986-1989	Internship / Residency Internal Medicine Department of Internal Medicine St. Joseph Hospital, Denver, Colorado
1982-1986	M.D., University of Colorado Health Sciences Center
1980-1982	Post Graduate Courses in Developmental Biology And Genetics, University of Colorado
1975-1980	Bachelor of Arts / Biology, University of Colorado

**MILITARY SERVICE:**

United States Navy, Honorable Discharge, 1976  
Active Duty (1970-1974), Reserve (1974-1976)  
Security Clearance - Top Secret

**HOSPITAL STAFF APPOINTMENTS:**

Department of Emergency Medicine. St. Joseph Hospital, Denver, Colorado (1989 - Present)

Internal Medicine (Class II CCU), with Clinical Pharmacology and Toxicology Subspecialty Privileges. St. Joseph Hospital, Denver, Colorado. (1991 - Present)

Clinical Associate Professor (1999), Clinical Assistant Professor (1993-1999) in Medicine, Department of Internal Medicine, Division of Clinical Pharmacology & Toxicology, University Hospital, University of Colorado Health Sciences Center, Denver, Colorado. (1993)

Medication Use Committee, Exempla St Joseph Hospital Pharmacy Committee, 2005 to Present.

## **PROFESSIONAL ACTIVITIES AND HONORS:**

American Chemical Society, History of Chemistry Division. March 2015.

Aircraft Owners and Pilots' Association, member, 2014.

American Heart Association, Professional Education Committee, CME Review 2010- 2013.

Medical President, Denver Metro Board, American Heart Association, 2008-2010.

Oversight Science Editor, Publications, Emergency Cardiovascular Care Programs, American Heart Association, 2000- 2010

Medical Director, Colorado EMS Training Institute, Denver, Colorado, 2009-2012

Director. Secretary. Board of Directors. Colorado Permanente Medical Group; 2000-2006

Board Certification in Internal Medicine, ABIM, 1994. Recertification 2004, 2014.

Diplomat, American Board of Internal Medicine, ABIM, 1994. recertification 2004, 2014.

Board Certification in Emergency Medicine, BCEM, 1998, recertification 2008.

American College of Emergency Physicians, ACEP, 1998 to present.

American College of Emergency Physicians, ACEP, Toxicology Section Member, 2002 to present.

Diplomate, American Association of Physician Specialists, AAPS, 1998. Recertification 2008.

Assistant Regional Division Chief, Emergency Department, St. Joseph Hospital, 1999, 1998.

Assistant Editor, Micromedex Computer Information Systems, 1999 to 2002.

Managing Director, Focused Medical Information, LLC. CME Course Development, 2003 to 2013.

Director, Board of Directors, Rocky Mountain Research and Prevention Institute (RMPRIC). Aurora, Colorado. Executive Director, Lisa Van Bramer, M.D. Chairman, 2002 to 2006.

Wilderness Medical Society, 1997 to 2000.

Colorado Permanente Medical Group, Summit Excellence Awards (3)

Physician of the Year Award, CPMG. Emergency Care Center (1994)

5280 Magazine "Top Docs" Award. Physician Peer Reviewed Publication of Denver's best physicians, Toxicology Specialty and Emergency Medicine. Yearly, 2007 - 2018.

Colorado Permanente Regional Medical Group, Past / Present Committee(s), 1991 to Present:  
Patient Safety Committee  
Physician Reviewer, Healthcare Fraud & Medical Claims Review  
Quality Assurance Review Committee, CPMG / ED @ ESJH  
Complimentary & Alternative Medicine Committee, QA Review  
Regional Disaster / Emergency Preparedness Committee  
Environmental Health and Safety Committee, Physician Advisor  
Continuing Medical Education Committee

National Institutes of Health Training Grant, Postdoctoral Fellowship in Clinical Pharmacology and Toxicology, University of Colorado School of Medicine, Denver, CO (1989-1991)

A.R.C.S. Foundation Grant, University of Colorado Health Sciences Center (1983, 1984, 1985). Epidemiological Studies of the Porphyrrias. Computer modeling for differential diagnosis.

Teaching Assistant: Department of Biology and Department of History, University of Colorado (1978-1980). Dean's List: University of Colorado (1975-1982)

**LECTURES AND PAPERS PRESENTED;  
NATIONAL AND INTERNATIONAL SYMPOSIA:**

Regional EMS Conference, Grand Junction, Colorado. Professional EMS Education, ACLS EP Lectures in Resuscitation and Toxicology for EMS. January 2014 - 2020. Fidel Garcia, Director.

St Joseph Hospital Internal Medicine Residency Lecture Series, 1992 - Present. Yearly lecture series on Toxicology Topics for Interns and Resident Housestaff.

American Chemical Society. 249th National Meeting. March 22-25, 2015. Denver, Colorado. History of Chemical Warfare. Division of the History of Chemistry. Lecture on the Clinical Effects and Physiology of Chemical Weapons of WWI. Joseph Gal, PhD, Symposium Director.

ACLS EP Course Pilot Rollout; AHA, Dallas, Texas. ACLS EP Faculty for Instructor Training. Jo Haag, AHA Coordinator. April 23, 2013.

Basalt Fire District EMS training. Aspen, Colorado. Lectures in EMS related clinical toxicology and field resuscitation techniques, with ACLS EP renewal. Course Director. Recertification of the regional fire and paramedic personnel for Aspen Valley. October, 2009, 2010, 2011, 2012, 2013.

EMS Training Symposium, 2009, St Mary's Hospital. Grand Junction, Colorado. Lectures in Trauma, Resuscitation, Emergency Medicine and Toxicology. Fidel Garcia, Course Organization, Director. January, 2009, 2010, 2011, 2012, 2013, 2014.

Japan ACLS Association. Tokyo Japan, January 2009. ACLS EP Course training for instructors, establishment of Japanese ACLS EP training system. Tokyo Training Laboratory. Daiishi Hayata, MD. Course Director.

Colorado Permanente Medical Group. Regional Transplantation Service. Drug, Toxicology and Clinical Pharmacology reviews for transplant patients. Development of educational pilot program involving transplant specialties, internal medicine and emergency medicine staff at UCHSC and CPMG, 2008. Diane Clark, senior administration staff.

Colorado Permanente Medical Group. Medical Claims and Referral Department. Education series of topical lectures in medicine, repatriation, emergency medicine and critical care for claims adjusters, nursing staff and fraud investigation staff. 2006 to 2010. Diane Clark, senior administration staff.

"Center of the Universe" EMS and Fire Rescue Conference, Colorado Western Region. Grand Junction, Colorado. St Mary's Hospital. Keynote speaker, yearly clinical case presentations in herbal medicine complications, toxicology and ACLS EP subject discussions. Fidel Garcia, EMT-P Conference Director, Professional EMS Education. February, 2008 to 2013.

Physician Assistant Program, University of Colorado Health Sciences Center. Child Health Associate Program. Instructor. Yearly education courses in Pediatric Advanced Life Support for Senior PA-C students at the University, during senior clinical training. Fitzsimmons Aurora Campus. Kathy Winder, Course Director. February 2007, 2008.

Turkish Society for Pediatric Intensive Care. AHA International Training Officer. Inaugural Course in PALS Training for Turkish Critical Care Pediatric Specialists. Instructor and Provider Courses; to complete certifications to allow national program independence. Ankara Turkey. May, 2007.

Italian Emergency Medicine Society. Introduction of Advanced Cardiac Life Support for Experienced Provider Course – Provider and Instructor Courses. Torino, Italy. November 11, 12, 13, 2006. Anna Grazia de Micheli, MD, Italian Course Director. William McConnell MD, Chair, AHA ProAd Council, Course Director.

Hong Kong College of Emergency Medicine. Introduction of Provider and Instructor Courses for Pediatric Advanced Life Support and ACLS for Experienced Providers. Instructor and Course Director, Emergency Care Training-Hong Kong. Tang Shiu Kin Hospital, Wan Chai, HK. Lucy Clarke, Managing Director and Principal Instructor. October 17 through October 25, 2006.

Medicine Schweizerische Gesellschaft fur Notfall und Rettungsmedizin (SGNOR). American Heart Association International Training Officer - Switzerland, 2006. Kantonspital, St. Gallen, Switzerland. Course Director, ACLS for Experienced Providers Instructor and Provider Courses Introduction to Switzerland. Dr. med. Josef Osterwalder, Chef-Arzt. September 20 & 21, 2006.

International Liaison Committee on Resuscitation (ILCOR). American Heart Association. Dallas, Texas. January 2005. Oversight Science Editor, Emergency Cardiovascular Care Programs.

Advanced Cardiac Life support Experienced Provider Course, (ACLS EP). The first of four certified instructors for the Instructor and Course Directors Courses given for the Rocky Mountain Region. Colorado Springs, Colorado. Barbara Burgess, Course Administrator. March 6 & 7, 2003.

American Heart Association, Regional Conference, Fall 2002. Regional Faculty. Lectures in ACLS related Toxicology, Experienced Provider Case Series. October 2002. Estes Park, Colorado. Barbara Burgess, Regional Conference Director.

Medicine Schweizerische Gesellschaft fur Notfall und Rettungsmedizin (SGNOR). American Heart Association International Training Officer - Switzerland, 2001. Kantonspital, St. Gallen, Switzerland. ACLS Guidelines 2000 Rollout Session for Regional ACLS Instructors and Course Director Staff. Dr. med. Josef Osterwalder, Chef-Arzt. June 2001.

Medicine Schweizerische Gesellschaft fur Notfall und Rettungsmedizin (SGNOR). Kantonspital, St. Gallen, Switzerland. ACLS Program Review and Instructors Course. Course Director and International Training Reviewer. Dr. med. Josef Osterwalder. Chef-Arzt. October, 2000.

Medicine Schweizerische Gesellschaft fur Notfall und Rettungsmedizin (SGNOR). Lausanne, Switzerland. Advanced Cardiac Life Support. Visiting professor, Course Director, lectures in Toxicology and resuscitation techniques. Dr. med. Josef Osterwalder, membre du comite, November 1999.

Medicine Schweizerische Gesellschaft fur Notfall und Rettungsmedizin (SGNOR). Lugano, Switzerland. Advanced Cardiac Life Support. Visiting professor, Course Director, lectures in toxicology and resuscitation techniques. Dr. med. Josef Osterwalder, membre du comite, October 1999.

Fundamental Critical Care Support, FCCS. Standardized national curriculum in the principles of critical care. St. Joseph Hospital; Denver, Colorado. Faculty / Instructor. May 6 & 7, 1999. Thomas Stelzner, M.D., Course Director.

Medicine Schweizerische Gesellschaft für Notfall und Rettungsmedizin (SGNOR). Zurich, Switzerland. Pediatric Advanced Life Support. Visiting professor, lectures in pediatric life support, pediatric toxicology and pediatric resuscitation techniques. Dr. Peter Adler-Michaelson, course director, membre du comite, December 1998.

Kaiser Permanente National Emergency Medicine Conference. Faculty. Kona, Hawaii. August, 1998. Lecture and workshop on drug interactions between conventional medications and herbal remedies. Richard Talley, M.D., Co-chairman.

Medicine Schweizerische Gesellschaft für Notfall und Rettungsmedizin (SGNOR). Lausanne, Switzerland. Pediatric Advanced Life Support. Visiting professor, lectures in pediatric life support, pediatric toxicology and pediatric resuscitation techniques. Dr. Peter Adler-Michaelson, course director, membre du comite, March, 1998.

Royal Brisbane Hospital. Health Care Symposium. The Royal Australian College of Physicians. The Royal Brisbane Hospital Research Center. Festschrift symposium honoring the retirement of Mervyn Eadie, M.D. Organized by Director and Research Fellow, Dr. Wayne Hooper. October, 1997. Conference attended as guest of Dr. Hooper.

Corso di Base per la Formazione di Soccorritori. Confraternita di Misericordia del Baianese, Campagna and Mugnano, Italy. February, 1996 and 1997. Visiting Professor. Lectures in Emergency Medicine, Cardiac Life Support and Toxicology for Physicians and Paramedics. Direttore: Dr. Orazio Corvino.

American Medical Response; Paramedic / EMT, CME Training Seminars; 1996. "Toxicology and Poisoning in the Field", Paramedic Assessment and Treatment.

Inter-regional Kaiser Permanente Emergency Medicine Conference. August 1996. Lectures in Forensic Toxicology and Future Treatments in Emergency Department Toxicology. Richard Talley, M.D., Conference Director. Richard Talley, M.D. Co-Chairman.

Schweizerische Gesellschaft für Notfall und Rettungsmedizin (SGNOR). Lausanne, Switzerland. Advanced Cardiac Life Support. Visiting professor, lectures in cardiovascular pharmacology, automated external defibrillation and cardiopulmonary resuscitation techniques. Dr. Peter Adler-Michaelson, course director, Dr. med. Philippe Reigner, membre du comite. June 1996.

China Academy of Traditional Chinese Medicine. Acupuncture. Dr. Wang Xin Yao. People's Republic of China. September 1995.

Kumamoto Friendship Clinic. Quoiingo. Stimulation Therapy and Herbal Medicine. Guilin, China. People's Republic of China. October 1995.

Kantonspital, St. Gallen, Switzerland. Cardiovascular Pharmacology. Inaugural Swiss Course in Advanced Cardiac Life Support Techniques. Lectures as Visiting Professor in Medicine and Clinical Pharmacology. Dr. Peter Adler-Michaelson, Course Director. Dr. med. Josef Osterwalder, Medical Director. June 1994.

Colorado Regional Conference of Physician Assistants. Lecture Series. Initial Management of the Poisoned Patient. Glenwood Springs, Colorado, July 1994.

20th Anniversary Meeting of the National Association of Emergency Medical Technicians. Emergency Evaluation of the Poisoned Patient. Colorado Springs, CO, 1993.

Lectures in Cardiovascular Pharmacology and Advanced Cardiac Life Support. Affiliate Faculty and Course Director for ACLS Courses. Colorado Permanente Medical Group. 1990 to present.

Hospital Grand Rounds, St. Joseph Hospital - "Basic Evaluation and Physical Examination in Occupational Medicine. Basic Elements of the Workman's Compensation Evaluation, with Special Emphasis on Workplace Exposure to Chemicals." 1989. Fellow, University of Colorado Health Sciences Center.

Colorado Permanente Medical Group. Toxicology Lecture Series for primary care physicians, physician assistants and nursing staff, 1990 to present.

Colorado Permanente Medical Group. Quarterly Toxicology Lecture Series for Emergency Care Center Department Physicians, 1991 to present.

St. Joseph Hospital "Basic Evaluation of the Poisoned Patient." House staff Intern and Resident Lectures. Grand rounds, 1990.

University of Colorado Health Sciences Center "Enantiomeric Selective Assay for Propranolol. Use in NIH Study on Aging, Metabolism in the Elderly". Research Seminar Lecture Series, 1990 and 1991

American College of Physicians - 1988 Regional Meeting.

Abstract Presentation: "Primary Pulmonary Nodular Amyloidosis Presenting as Atelectasis Treated with YAG Laser Photocoagulation".

University of Colorado at Denver, 1980. Teaching Assistant. Department of Biology. "Dynamics of Basic Cell Function".

University of Colorado at Denver, 1979. Teaching Assistant. Department of History. "Major Military Engagements of the Civil War; Military Decision Making"

## PUBLICATIONS

1. Kadushin FS, Riddle MW, Bronstein AC and **Gilmore DA**: Neuropsychological Findings in Workers Exposed to 1,1,1 Trichloroethylene and Polychlorinated Biphenyls. Western Institute of Neurotoxicology, Denver, CO 80203. Proceedings of the annual meeting of the American Association of Poison Control Centers, 1988.
2. Kadushin FS, Bronstein AC, Riddle MS and **Gilmore DA**: Cyanide Induced Parkinsonism: Neuropsychological and Radiological Findings. Western Institute of Neurotoxicology, Denver, CO 80203. Proceedings of the annual meeting of the American Association of Poison Control Centers, 1988.
3. Bronstein AC, Kadushin FS, Riddle MW and **Gilmore DA**: Oral Manganese Ingestion and Atypical Organic Brain Syndrome and Autistic Behavior. Western Institute of Neurotoxicology, Denver, CO 80203. Proceedings of annual meeting of the American Association of Poison Control Centers, 1988.
4. **Gilmore DA** and Wroblewski D: "Primary Pulmonary Nodular Amyloidosis Presenting as Atelectasis Treated with YAG Laser Photocoagulation". Proceedings of the American College of Physicians annual meeting, 1988.
5. Brass EP and **Gilmore DA**: The drug analysis laboratory: A resource for teaching clinical pharmacology to students and residents. Clin. Pharmacol. Ther., 46(3):245-249, 1989.
6. **Gilmore DA** and Bronstein AC: Magnesium. In *Hazardous Materials Toxicology*, 1st edition. J.B. Sullivan, M.D., editor, Williams & Wilkins, 1993.

7. **Gilmore DA** and Bronstein AC: Manganese. In *Hazardous Materials Toxicology*, 1st edition. J.B. Sullivan, M.D., editor, Williams & Wilkins, 1993.
8. **Gilmore DA**, Gal J, Gerber JG and Nies AS: Age and gender influence the stereoselective pharmacokinetics of propranolol. *J. Pharmacol. Exp. Ther.* 261:1181-1186, 1992.
9. **Gilmore DA** and Ferrara A. *Advanced Cardiac Life Support. Basic Review and Study Guide*. 1st Italian Language Edition. Global Emergency Medical Consultants. 1996.
10. **Gilmore DA** and Ferrara A. *Corso Base per Paramedici. Training Skills for Basic Paramedic and Emergency Medical Technician*. 1st Italian Language Edition. Global Emergency Medicine Consultants. 1996.
11. **Gilmore, DA** and Bissonette A. *Hazard Communication for Physicians. HAZCOM*. Interregional Colorado Permanente Video Production. Training Video for Physicians Medical Group. Co-Executive Producer. 1997. Copyright Kaiser Permanente Health Plan of Colorado.
12. Field J, Hazinski M, **Gilmore D**. *Handbook for Emergency Cardiovascular Care for Healthcare Providers*. Oversight Science Editor. Published by the American Heart Association. 2006 Edition..
13. Field J, Hazinski M, **Gilmore D**. *Handbook for Emergency Cardiovascular Care for Healthcare Providers*. Oversight Science Editor. Published by the American Heart Association. 2007 Edition
14. Field J, Hazinski M, **Gilmore D**. *Handbook for Emergency Cardiovascular Care for Healthcare Providers*. Oversight Science Editor. Published by the American Heart Association. 2008 Edition
15. Field J, Hazinski M, **Gilmore D**. *Handbook for Emergency Cardiovascular Care for Healthcare Providers*. Oversight Science Editor. Published by the American Heart Association. 2009 Edition.
16. Field J, Hazinski M, **Gilmore D**. *Handbook for Emergency Cardiovascular Care for Healthcare Providers*. Oversight Science Editor. Published by the American Heart Association. 2010 Edition.
17. **Gilmore, D**. Special Contributor. ACLS for Experienced Providers. DVD Set. Video production of Instructor Manual, Case Scenarios, Course Material. AHA Production. 2013.
18. **Gilmore, D**. Special Contributor. ACLS for Experienced Providers. Resource Textbook and Manual. Toxicology Section Development. Review of ACLS, Professional Edition. AHA. 2013.
19. **Gilmore, D**. Freed, CA, Bronstein, AC. Central Nervous System Depression and Weakness Following Ingestion of Gamma Hydroxy Butyrate. Abstract Presentation. AACT / AAPCC / ABMT / CAPCC Annual Scientific Meeting, September, 1991. Toronto, Ontario, Canada

## RESEARCH:

NIH Study on Aging. Effects of aging on  $\beta$ -receptors via HPLC enantiomer specific quantitative assay of racemic propranolol. Included development of a chemically appropriate internal standard for HPLC, development of the enantiomeric selective HPLC assay for racemic Propranolol and the development of clinical patient research protocols. UCHSC, 1989-1991.

Last Update: January, 2020.