

74th Annual CME Conference *Michael S. Webb, MD, Presiding*

Primary and Specialty Care

Bringing Health Care to the World 2019

May 14, 15, 16, & 17, 2019



Accreditation

The Ogden Surgical-Medical Society designates this live activity for a maximum of 28.5 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

The Ogden Surgical-Medical Society is accredited by the Utah Medical Association to provide continuing education to physicians.

American Academy of Family Physician Accreditation application and awarded credits pending.

"Successful completion of this CME activity, which includes participation in the evaluation component, enables the participant to earn up to 3 ABIM MOC points in the American Board of Internal Medicine's (ABIM) Maintenance of Certification (MOC) program. It is the CME activity provider's responsibility to submit participant completion information to ACCME for the purpose of granting ABIM MOC credit."

ACGME Competencies: This course is designed to meet the following Accreditation Council of Graduate Medical Education Competencies: Patient Care, Medical Knowledge, Practice-Based Learning and Improvement, Interpersonal and Communication Skills, Professionalism, and System-Based Practice.

Tuesday, May 14

6:30 PM	Islamic Medicine's Contributions to the World and the Impact of the Syrian War on Health Facilities (1 AMA PRA Category 1 Credits™) Abdul Nassar Kaadan, MD, PhD
7:30 PM	Human Trafficking—Operation Underground Railroad (OUR) (1 CME) Timothy Ballard, Author, Founder of OUR

Wednesday, May 15

	vvednesday, iviay 15
7:00 AM	Welcome and Announcements
7:30 AM	What's New in My Specialty? Updates in the Treatment of Sleep Apnea: Hypoglossal Nerve Stimulator Implantation (.5 CME) Douglas K. Anderson, MD
8:00 AM	What's New in My Specialty? What's New in Pediatric Ophthalmology? (.5 CME) Michael Bullard, MD
8:30 AM	What's New in My Specialty? Updates in the Management of Craniofacial Deformities (.5 CME) Devan Griner, MD
9:00 AM	What's New in My Specialty? Whole Blood Transfusions (.5 CME) David Morris, MD
9:30-10:00 AM	Break with Exhibitors
10:00 AM	3D Patient Specific Health Care: 3D Present and Future as related to Medical Models, Medical Guides, Implants, BioPrinting, 3D Printed Drugs, and AR/VR (1 CME) Jerry Ropelato, CEO Whiteclouds or Clinical Poster Presentation (1 CME) Residents and Pre-Med Students
11:00 AM	Bringing Health Care to the World with Statistics (1 CME) Brent C. James, MD or Clinical Poster Presentation (1 CME) Residents and Pre-Med Students
12:00-12:30 PM	Lunch
12:30–2:00 PM Keynote Lunch Speaker	Past, Present, and Future of Antidoping and Performance-Enhancing Drugs in Sports Gary Green, MD
2:00-2:30 PM	Break with Exhibitors
2:30 PM	Aligning Community Initiatives to Address Social Determinants of Health (1 CME) Brian Bennion, MPA, LEHS, Melissa Freigang, MOL, Angela Choberka, MA
3:30 PM	Rocky Vista University College of Osteopathic Medicine (1 CME) David Park, DO
4:30 PM	Update on Mammography (1 CME) Brett T. Parkinson, MD

Wednesday Skill Lab Options

	Skill Lab #1 Neuroimaging for the Non-Radiologist David Francom, MD
	Skill Lab #2 Vertigo Neil Van Leeuwen, MD
All skill labs offered at 2:30,	Skill Lab #3 Photoscreening-Pediatric Vision Screening <i>Michael Bullard, MD</i>
3:30, & 4:30 PM (1 CME Hour per session)	Skill Lab #4 Shoulder Exam/Injection Skills for the Prima

Skill Lab #4 Shoulder Exam/Injection Skills for the Primary Care Physician Steve Scharmann, MD, Joel Bass, MS, Christopher Bell, MD, Jason Blackham, MD, Clark Madsen, MD, MS, Brett Martindale, MD, Todd May, DO, Daniel Tensmeyer, MD, and David Tensmeyer, MD

Skill Lab #5 Knee Exam/Injection Skills for the Primary Care Physician Steve Scharmann, MD, Joel Bass, MS, Christopher Bell, MD, Jason Blackham, MD, Clark Madsen, MD, MS, Brett Martindale, MD, Todd May, DO, Daniel Tensmeyer, MD, and David Tensmeyer, MD

	Thursday, May 16
7:00 AM	Welcome and Announcements
7:30 AM	What's New in My Specialty? Procedural Sedation (.5 CME) William Sheffield, MD
8:00 AM	What's New in My Specialty? Update of the Recent Utah State Legislative Session from the UMA Perspective (.5 CME) Michelle McOmber, MBA, CAE, CEO Utah Medical Association
8:30 AM	What's New in My Specialty? Update on Ear Implants for Hearing Loss (.5 CME) Richard Gurgel, MD
9:00 AM	What's New in My Specialty? Taking Procedural Health Care out of the Hospital (.5 CME) Christopher Kim, MD
9:30-10:00 AM	Break with Exhibitors
10:00 AM	Management of Traumatic Brain Injury in Primary Care (1 CME) Adam Schwebach, PhD, Josh Matyi, Doctoral Candidate
11:00 AM	Lung Cancer Screening (1 CME) Charles Ivester, MD, PhD, and Talmage Shill, MD or Bringing Financial Knowledge to the Physician Community Patrick Brady, CRPS®, AIF®, Eric Halvorsen, MBA, CFP®, CIMA®, & Chad Kelley, CFP®
12:00-12:30 PM	Lunch
12:30–2:00 PM Keynote Lunch Speaker	We Make A Life by What We Give and We Come to Life with Those We Serve Richard Gunderman, MD, PhD
2:00-2:30 PM	Break with Exhibitors
The Accreditation Counci	il for Continuing Medical Education (ACCME) and the American Board of Internal Medicine (ABIM) have

collaborated to simplify the integration of Maintenance of Certification (MOC) and accredited CME. OSMS is pleased to offer Medical Knowledge ABIM MOC points for the following nephrology lectures at 2:30 PM, 3:30 PM, and 4:30 PM.

Thursday afternoon session presented in conjunction with the National Kidney Foundation of Utah and Idaho

3:30-5:30 PM

(2 CME)

Skill Lab #4 PALS

Sandra Rudh, MN, RN and Kristyn Steedley, MN, RN



Lectures are 1 hour and are only offered once at the times listed below

Lectures are 1 hour and are only offered once at the times listed below	
2:30 PM	Nephrology Lecture Managing Liver Disease Complications in CKD (1 CME) ABIM MOC: 1.00 Point Trevor Smith, MD or State of Medical Marijuana in Utah/Evidence in Support of Medical Marijuana (1 CME) Michelle McOmber, MBA, CAE, CEO Utah Medical Association and Courtney Ladika, MD
3:30 PM	Nephrology Lecture Disorders of Phosphorous Metabolism (1 CME) ABIM MOC: 1.00 Point Bruce L. Horowitz, MD or Essential Oils and Medicinal Garden (1 CME) Brannick Riggs, MD & Angela Decker, Horticulturist from Red Butte Gardens
4:30 PM	Nephrology Lecture Renal Cancer Ablation (1 CME) ABIM MOC: 1.00 Point or White Coat Investor (1 CME) James Dahle, MD

	Thursday Skill Lab Options
All skill labs offered at 2:30, 3:30, & 4:30 PM (1 CME Hour per session)	Skill Lab #1 Chest Imaging for the Non-Radiologist Talmage Shill, MD Skill Lab #2 Hand-Held Ultrasound Clark Madsen, MD, MS
2:30-3:30 PM (1 CME)	Skill Lab #3 BLS Sandra Rudh, MN, RN and Kristyn Steedley, MN, RN

	Friday, May 17	
7:00 AM	Welcome and Announcements	
7:30 AM	What's New in My Specialty? Cognitive Behavioral Therapy by Primary Care (.5 CME) Ben Christiansen PSYD, LP	
8:00 AM	What's New in My Specialty? Action Plan for Anaphylaxis (.5 CME) Glen Porter, MD	
8:30 AM	What's New in My Specialty? Thrombolic I-Iliofemoral DVT (.5 CME) Carl Black, MD	
9:00 AM	What's New in My Specialty? Thrombolic II- Pulmonary Embolism Update (.5 CME) Carl Black, MD	
9:30-10:00 AM	Break with Exhibitors	
10:00 AM	Resident Presentation	
11:00 AM	Resident Presentation	
12:00-12:30 PM	Lunch	
12:30–2:00 PM Keynote Lunch Speaker	How to Stay Human in Medicine: From the House of God to Man's 4 th Best Hospital Samuel Shem, MD	
2:00-2:30 PM	Break with Exhibitors	
2:30 PM	Update on Infertility C. Matthew Petersen, MD	
3:30 PM	Advances in Acute Stroke Care Megan Donahue, MD, Coleman Herrod, MD, and Maria Jepperson, MD	
4:30 PM	GI Testing in Primary Care, When and What to Order Chad M. Gonzales, MD	
	Friday Skill Lab Options	
All skill labs offered at 2:30, 3:30, & 4:30 PM (1 CME Hour per session)	 Skill Lab #1 Musculoskeletal Imaging for the Non-Radiologist Phillip Fairbourn, MD Skill Lab #2 PT for the Primary Care Physician-Who, What, & When Naomi Harris, MPT Skill Lab #3 Utah Health Examiner: Life and Truth in the Medical Offices Erik D. Christensen, MD, Chief Medical Examiner, Office of the Medical Examiner, Utah Department of Health 	
2:30-6:30 PM	Pain Management and Opioids: Balancing Risks and Benefits* Timothy Houden, MD, Gaylinn Breeze, APRN, AGNP-C, Robin Ockey, MD, and Gary MacDonald, DO, MS *4.0 Hours of CME which will fulfill the requirements of UCA (Utah Code Annotated) 58-37-6.5 continuing education for controlled substances prescribers. Acknowledgement Presented in cooperation with the California Academy of Family Physicians, a member of the Collaborative on REMS Education (CO*RE), 11 interdisciplinary organizations working together to improve pain management and prevent adverse outcomes. RPC Commercial Support Disclosure Statement: This educational activity is supported by an independent educational grant from the ER/LA Opioid Analgesic REMS Program Companies (RPC). Please see http://ce.er-la-opioidrems.com/lwgCEUI/rems/pdf/List_of_RPC_Companies.pdf for a listing of the member companies. This activity is intended to be fully-complaint with the ER/LA Opioid Analgesic REMS education requirements issued by the US Food & Drug Administration (FDA).	



Registration Options

You may register online at www.ogdensurgical.com

or mail completed form and check to **Ogden Surgical-Medical Society** P.O. Box 9311 Ogden, Utah 84409



Free Socials & Other Events

Questions? Contact Teresa at 801-546-5585 or teresapuskedra@ogdensurgical.com

Tuesday, May 14

Tuesday Evening Pre-Conference Registration, Social, & Dinner-with CME Spouses Free!

5:30-6:30 PM social, 6:30 PM dinner Weber State University Shepherd Union Building, 3rd Floor 3910 West Campus Drive, Ogden, Utah 84408 Park in Parking Lot W8

Wednesday, May 15

McKay-Dee Hospital Physician Family Night Dinner

6:00-8:00 PM George Eccles Dinosaur Park 1544 Park Blvd., Ogden

Contact Teresa at 801–564–5585 Sponsored by McKay-Dee Hospital



Weber State University Medicine State-of-the-Art Facility Tour

5:30-6:30 PM WSU Pre-Med + Health Professions Tour "Cutting Edge Collaboration" Tour the state-of-the-art labs and lifelike learning

environment where the next generation of physicians and health professionals are preparing for practice Meet at registration tables





Thursday, May 16

Ogden Regional Medical Center Reception Dinner

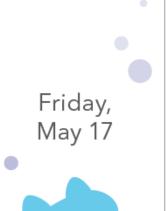
6:30-7:00 PM reception, 7:00 PM dinner, 7:00-8:30 PM entertainment Honoring Michael S. Webb, MD, OSMS 2019 President Weber State University Shepherd Union Building, 3rd Floor

Featuring taiko drums by Ogden Buddhist Taiko Group Director: Stan Hirai

Seating is limited; reservations required Sponsored by Ogden Regional Medical Center



Davis Hospital and Medical Center



Davis Hospital and Medical Center-A Steward Family Hospital

& Tanner Clinic Family Night

6:30-9:00 PM SeaQuest Interactive Aquarium & Dartside Indoor Dart Tag Arena

Layton Hills Mall

1201 N. Hill Field Rd., Layton

Limited attendance; immediate family only; reservations required Sponsored by Davis Hospital and Medical Center-A Steward Family Hospital & Tanner Clinic



www.ogdensurgical.com

801-564-5585

REGISTRATION FORM

Registration Information

Registration includes:

- ✓ Membership in the Ogden Surgical-Medical Society
- ✓ Up to 28.5 continuing medical education credits
- ✓ Conference materials
- ✓ Breakfast, lunch, and breaks

☐ Breakfast (\$20) x ____ days

☐ Lunch (\$30) x ____ days

✓ Free evening social and dinner events

Special Needs

The Ogden Surgical-Medical Society and Weber State University fully comply with the legal requirements of the Americans with Disabilities Act and the rules and regulations thereof. If any participant is in need of accommodations, please call Teresa at 801-564-5585.

For More Information

Web page: www.ogdensurgical.com Executive Director: Teresa Puskedra, 801-564-5585 teresapuskedra@ogdensurgical.com

Hotel Accommodations

Hampton Inn & Suites 800-426-7866 or 801-394-9400 2401 Washington Blvd., Ogden, Utah 84401 Free parking for hotel guests When making reservations, use

Group Code: SMS

To make reservation online, go to link: https://hamptoninn.hilton.com/en/hp/groups/personalized/O/OGDUTHX-SMS-20190514/index.jhtml?WT.mc_id=POG

donations are tax-deductible to the extent

allowed by law.

	31v13-20190314/1ndex.jntml:vv1.mc_id=POG
Name	
Address	
City State	
Phone	
Email address	
Check all that apply:	
Already paid	Registration Options
\$375 Doctorate Level Provider (MD, DO, PhD, DPM, DDS, DMD, DNP)	You may register online at www.ogdensurgical.com
\$350 Doctorate Level attending first-time ever (MD, DO, PhD, DPM, DDS, DMD, DNP)	or mail completed form and check to Ogden Surgical-Medical Society
300 Nurse Practitioner & Physician Assistant	P.O. Box 9311 Ogden, Utah 84409
\$250 Retired Doctorate Level Provider, Nurse Practitioner, & Physician Assistant	ogacii, otali o 1407
☐ \$175 Nurse, Social Worker, & EMS Professional	
All full-time military health care professionals receive a \$25 discount.	Questions? Contact Teresa at 801-546-5585 or teresapuskedra@ogdensurgical.com
All registration fees paid after April 12, 2019 will have an added \$50 late fee.	or torosupus Kouru e ogu em surgitum em
By paying registration fees, you become a member of the Ogden Surgical-Medical Society. Membership includes: Registration; CME Certificate; breakfast, lunch, and breaks; and all social and dinner activities during the conference.	I would not like to be included in mailings from Ogden Surgical-Medical Society affiliated organizations.
Check here to be a VIP judge at the poster presentations	
Conference attendees: breakfast, lunches, and breaks are included in their registration fee.	The 2019 OSMS conference will not include Social Worker CEU's, or Nursing CE's, or Nurse Practitioner with Pharmacology contact hours.
☐ I am the guest of an existing member	The Ogden Surgical Society is a non-profit
If you are a guest , please select your additional options:	organization with 501(c)(3) status and all

REGISTRATION FORM (continued)

Wednesday, May 15, 2019 2:30 PM Skill Lab
 Neuroimaging for the Non-Radiologist—David Francom, MD
 Vertigo—Neil Van Leeuwen, MD Photoscreening - Pediatric Vision Screening—Michael Bullard, MD
□ Shoulder Exam/Injection Skills for the Primary Care Physician—Sports Medicine Physician Team
Knee Exam/Injection Skills for the Primary Care Physician—Sports Medicine Physician Team
3:30 PM Skill Lab
 Neuroimaging for the Non-Radiologist—David Francom, MD Vertigo—Neil Van Leeuwen, MD
□ Photoscreening - Pediatric Vision Screening— <i>Michael Bullard, MD</i>
☐ Shoulder Exam/Injection Skills for the Primary Care Physician—Sports Medicine Physician Team
Knee Exam/Injection Skills for the Primary Care Physician—Sports Medicine Physician Team
4:30 PM Skill Lab
 Neuroimaging for the Non-Radiologist—David Francom, MD Vertigo—Neil Van Leeuwen, MD
 Photoscreening - Pediatric Vision Screening—Michael Bullard, MD
□ Shoulder Exam/Injection Skills for the Primary Care Physician—Sports Medicine Physician Team
□ Knee Exam/Injection Skills for the Primary Care Physician—Sports Medicine Physician Team
Thursday, May 16, 2019
2:30 PM Skill Lab Chest Imaging for the Non-Radiologist—Talmage Shill, MD
☐ Hand-Held Ultrasound— <i>Clark Madsen, MD, MS</i>
■ BLS (2:30–3:30 PM)—Sandra Rudh, MN, RN and Kristyn Steedley, MN, RN
3:30 PM Skill Lab
 Chest Imaging for the Non-Radiologist—Talmage Shill, MD Hand-Held Ultrasound—Clark Madsen, MD, MS
□ PALS (3:30–5:30 PM)—Sandra Rudh, MN, RN and Kristyn Steedley, MN, RN
4:30 PM Skill Lab
Chest Imaging for the Non-Radiologist—Talmage Shill, MD
□ Hand-Held Ultrasound— <i>Clark Madsen, MD, MS</i>
Friday, May 17, 2019
2:30 PM Skill Lab
 Musculoskeletal Imaging for the Non-Radiologist—Phillip Fairbourn, MD PT for the Primary Care Physician-Who, What, & When—Naomi Harris, MPT
☐ Utah Health Examiner: Life and Truth in the Medical Offices— <i>Erik D. Christensen, MD, Chief Medical</i>
Examiner, Office of the Medical Examiner, Utah Department of Health
3:30 PM Skill Lab
■ Musculoskeletal Imaging for the Non-Radiologist— <i>Phillip Fairbourn, MD</i>
 PT for the Primary Care Physician-Who, What, & When-Naomi Harris, MPT Utah Health Examiner: Life and Truth in the Medical Offices-Erik D. Christensen, MD, Chief Medical
Examiner, Office of the Medical Examiner, Utah Department of Health
4:30 PM Skill Lab
☐ Musculoskeletal Imaging for the Non-Radiologist— <i>Phillip Fairbourn, MD</i>
 PT for the Primary Care Physician-Who, What, & When-Naomi Harris, MPT Utah Health Examiner: Life and Truth in the Medical Offices-Erik D. Christensen, MD, Chief Medical
Examiner, Office of the Medical Examiner, Utah Department of Health
2:30-6:30 PM Skill Lab Opioid Prescribing
□ Pain Management and Opioids: Balancing Risks and Benefits*—Timothy Houden, MD,
Gaylinn Breeze, APRN, AGNP-C, Robin Ockey, MD, and Gary MacDonald, DO, MS
Free Socials & Other Events
Tuesday, May 14, 2019 ☐ # Attending Tuesday Evening Pre-conference Registration, Social, & Dinner, 5:30 PM
Wednesday, May 15, 2019 ☐ # Attending McKay-Dee Hospital Physician Family Night Dinner, 6:00 PM
Thursday, May 16, 2019
■ # Attending Weber State University Medicine State-of-the Art Facility Tour, 5:30 PM
□ # Attending Ogden Regional Medical Center Reception Dinner with Entertainment, 6:30 PM
Friday, May 17, 2019
■ # Attending Davis Hospital and Medical Center-A Steward Family Hospital and Tanner Clinic
Family Night at SeaQuest & Dartside, 6:30 PM

Getting There

Ogden Surgical-Medical Society conference location: Shepherd Union Building, 3rd Floor Weber State University address: 3848 Harrison Blvd., Ogden, Utah 84408 Free parking for OSMS conference at WSU: Parking Lots W8, A9, and W7

Driving from south:

- 1. Drive north on Hwy. 89
- 2. Right turn Harrison Blvd.
- 3. Right turn 3950 South
- 4. Right turn S. Dixon Dr.
- 5. Left turn Playfield Way
- 6. Arrived-Parking Lots W8 / A9 / W7

Driving from north:

- 1. Drive south on Hwy. I-15
- 2. Exit 344, 12th Street
- 3. Left turn 12th Street
- 4. Right turn Harrison Blvd.
- 5. Left turn 3950 South
- 6. Right turn S. Dixon Dr.
- 7. Left turn Playfield Way
- 8. Arrived-Parking Lots W8 / A9 / W7

Shepherd Union Building is straight north of Parking Lot W8.

Parking attendants will be at W8, A9, and W7 for location questions. Greeting WSU Ambassadors with golf carts will be at W8.

Free Shuttle Service

As you plan your OSMS 2019 conference schedule and prepare to travel, take a few moments to view the conference shuttle schedule (if you are not driving to the WSU conference parking lot).

Shuttle service from downtown Ogden Hotels to WSU location for OSMS conference: continuous shuttle service is provided **every 30 minutes** between conference hotels and WSU Shepherd Union Building on the following schedule.

Shuttles are provided only for downtown Ogden hotels:

- Hilton Garden Inn
- Marriott Courtyard
- Hampton Inn
- Bigelow Hotel and Residences.

If you booked at any other hotel, transportation is not provided.

Boarding locations

Hilton Garden Inn: front entrance
Marriott Courtyard: front entrance
Hampton Inn: front entrance
Bigelow Hotel and Residences: go to the
25th Street door for boarding

Tuesday, May 14 4:30 PM-9:30 PM

Continuous shuttle service between OSMS hotels and the OSMS conference location: WSU Shepherd Union Building.

Wednesday, May 15 6:00 AM-6:00 PM

Continuous shuttle service between OSMS hotels and the OSMS conference location: WSU Shepherd Union Building.

Thursday, May 16 6:00 AM-9:30 PM

Continuous shuttle service between OSMS hotels and the OSMS conference location: WSU Shepherd Union Building. (Later shuttle time includes service for attendees who want to attend the WSU tour and/or Ogden Regional Medical Center Reception Dinner.)

Friday, May 17 6:00 AM-7:00 PM

Continuous shuttle service between OSMS hotels and the OSMS conference location: WSU Shepherd Union Building.





Bringing Health Care to the World 2019

Bringing health care to the world will be addressed in the 3.5 day Ogden Surgical-Medical Society (OSMS) conference with national, regional, and local experts on radiology, primary care, and current medical issues. The conference encompasses keeping up to date in current medicine and health care with respect to the world, nation, state, city, and home. New regulations and the ever-growing need for documentation leads to higher stakes, longer hours, and increased training for health providers. The OSMS conference will supply needed continuing medical education while focusing on world issues such as human trafficking and the effects of the war on Syrian health facilities, national issues such as opioid prescribing and 3D health care, state issues such as medical marijuana, city issues such as health care for Ogden's impoverished, and home issues such as enrichment by giving.

Starting off the conference will be Timothy Ballard, former CIA agent and founder of Operation Underground Railroad—an organization dedicated to stopping human trafficking. He will be followed by Abdul Nassar Kaadan, MD, PhD, orthopedic surgeon and WSU Syrian international professor; Gary Green, MD, medical director for Major League Baseball, past-chair of NCAA Committee on Drug Testing and Drug Education, and researcher through the UCLA Olympic Analytical Laboratory; Richard Gunderman, MD, PhD, radiologist, professor, and author of We Make a Life by What We Give and We Come to Life with Those we Serve: Fulfillment Through Philanthropy; and Samuel Shem, MD, author of House of God.

2019 Board Members

Michael S. Webb, MD, President
Petronella Adomako, MD, President-Elect
Kurt E. Rifleman, MD, Past-President
Marc Johnson, MD, Chair
Heather Heileson, MD, Co-Chair
Steve Scharmann, MD, Treasurer
Chad M. Gonzales, MD, CME Chair
Bryan Campbell, MD, Secretary
Val Johnson, MD, Historian/Trustee

Douglas K. Anderson, MD, Trustee
Jason R. Hoagland, MD, Trustee
Brian Bennion, MPA, LEHS, Member-at-Large
Frank H. Brown, MD, Member-at-Large
Albert Hartman, MD, Member-at-Large
Clark Madsen, MD, MS, Member-at-Large
Scott Moore, DO, Member-at-Large
Harry O. Senekjian, MD, Member-at-Large
Robert Whipple, MD, Member-at-Large

1 in 3 American adults is at high risk for kidney disease(KD)•The risk of KD increases to 1 in 2 over the course of a lifetime • 1 in 7 American adults has KD, and most don't know it • Diabetes and high blood pressure are the two leading causes



National Kidney Foundation™

of Utah and Idaho

of KD • Nearly 30.3 million Americans have diabetes • More than 226,000 people are currently living with kidney failure caused by diabetes • 75 million American adults have high blood pressure, and 20% don't know it • KD kills over 91,000 Americans every year—more than breast and prostate cancers combined • Because KD often has no symptoms, it can go undetected until it is very advanced • Early detection and treatment can slow or prevent the progression of KD • Of the over 121,678 Americans on the waiting list for a lifesaving organ transplant, more than 100,791 need a kidney. Fewer than 17,000 people receive one each year • Every day, over 13 people die waiting for a kidney • Once the kidneys fail, dialysis or a kidney transplant is required • Over 468,000 Americans are on dialysis and approximately 193,000 live with a functioning kidney transplant • Annual medical payments for a patient with KD increase from \$15,000 in stage 3 to \$28,000 in stage 4 to more than \$70,000 in stage 5 • The average annual number of physician visits for an individual with diagnosed KD is 10.28—second only to cancer • Almost 60 billion US health care dollars are spent annually to treat people with KD