DISTINGUISHED MEDICAL LECTURE SERIES

DEDICATED to MEDICINE
Greetings!

It is with great pleasure that I present you this informational magazine outlining Wayne County Community College District’s Distinguished Medical Lecture Series, physician-led conversations hosted by Wayne County Community College District around an array of health and wellness topics.

As a community-based community college, we strive to provide educational opportunities that are free of charge and open to the public, particularly when the message is one of such great importance like health and well-being. The Lecture Series brought together medical professionals, students, faculty, staff, and members of the public in open, discussion-style forums and we could not have been more pleased with the results. All who attended walked away more knowledgeable than before, and we received great feedback from individuals who planned to take what they had learned and make positive changes in their lives.

It is our hope that you will find this magazine helpful and use it as a resource to advance your own health and well-being.

At Wayne County Community College District, learning leads to a better life.

Sincerely,
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A Wayne County Community College District (WCCCD) publication.
Wayne County Community College District's Division of Educational Affairs’ Distinguished Medical Lecture Series links respected leaders in healthcare with WCCCD students, faculty and staff, as well as the local public, to promote education and awareness around an array of health and wellness topics. As a student-centered and community-based community college, the Lecture Series is an integral part of WCCCD’s efforts to educate and empower the individuals and communities we serve.

This year’s Distinguished Medical Lecture Series featured informational symposiums on a number of physical and mental health issues, including diet and nutrition;
prostate, breast, and lung cancers; and, mental illness. The open, interactive style of the Lecture Series afforded audience members the opportunity to engage top medical professionals in general group conversations as well as specific, one-on-one inquiries. Feedback from participants and audience members was overwhelmingly positive.

Wayne County Community College District extends its gratitude and thanks to all who participated in this year’s Distinguished Medical Lecture Series, particularly Dr. Conrad Maitland, Urologist at Sinai Grace Hospital, who served as our Distinguished Scholar-in-Residence and whose leadership made the Lecture Series possible.
Wayne County Community College District offers 20 fully-accredited health sciences degree and certificate programs.

- Nursing
- Anesthesiology Technology
- Dental Assisting CERT
- Dental Hygiene AS
- Hemodialysis
- Home Health Care Aid
- Medical Office Specialist
- Nursing AAS
- Nursing Assistant Training
- Patient Care Technology
- Phlebotomy Technician CERT
- Pharmacy Technology
- Surgical Technology
- Emergency Medical Technology
- Veterinary Technology

WCCCD Nursing Program Recognized by the State of Michigan for Continued Excellence In Community Service.

In early 2015, eight WCCCD nursing students were awarded funding opportunities from the State of Michigan, Board of Nursing Scholarship Fund. The scholarships, awarded each year by the State, are designed to further the studies of promising nursing students committed to expanding healthcare services to underserved areas and population.
Full and part-time students in health sciences at WCCCD have access to world-class facilities and strong partnerships with local healthcare providers. This provides students with robust in-class and experiential learning opportunities that best prepare them for success beyond WCCCD.

**DENTAL HYGIENE PROGRAM**

Full-service dental hygiene center, staffed by WCCCD students, offers low-cost ($10-12 for adults; $8 for children) dental care for seniors, children under 18, and the handicapped.

The program offers affordable dental health and wellness services to the community, while providing dental hygiene students the ability to practice and hone their skills in a clinical setting.

**SIMULATION LAB**

1,400 square foot facility houses a vast inventory of medical equipment and supplies for a state-of-the-art, life-like educational environment.

Patient simulators (manikins) mimic human functions and provide students the ability to align knowledge and skills learned in theory courses with clinical settings.

Sim lab and the use of real life scenarios offer a safe yet realistic environment for students to translate educational experiences into the workplace.

**INTERVENTION TRAINING UNIT**

The Intervention Unit is designed to mimic an out-patient recovery and rehabilitation center for laparoscopic and minimally-invasive procedures.

The intervention training unit enables health science students to experience and become acclimated to working in out-patient facilities, the healthcare facility of the future.
Conrad Maitland, MD
PROSTATE HEALTH

Serious and life-threatening prostate conditions, particularly prostate cancer, are on the rise. Over the past 25 years, prostate cancer deaths in America have increased 25 percent; this year alone, some 27,500 men are expected to die from the disease.

A urologist by training, Dr. Conrad Maitland knows the epidemiological risks prostate conditions and cancer pose to the health and wellness of male populations throughout America – especially those of color, who are twice as likely to die from the disease as White or Asian Americans. Dr. Maitland says that while testing and evaluations can be uncomfortable for some men, early diagnosis and treatment is the most important factor in fighting the disease. And Dr. Maitland should know. Aside from being a world-renowned urologist, he is also a prostate cancer survivor himself, an experience that enabled him to better appreciate the challenges men face while battling the disease.

If diagnosed early, Dr. Maitland explained to a sizable crowd at his Distinguished Medical Lecture Series seminar, prostate cancer is generally treatable and curable: five-year survival rates for prostate cancer are a remarkable 98.9%. “My passion is prostate cancer awareness, especially in the African American community,” Dr. Maitland said, “this is the best approach we have to fighting a disease for which race and genetics are important predictive factors of morbidity/mortality.”

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**DR. CONRAD C. MAITLAND, MD** is a urologist currently serving as the Site Director of Urology Residency at Sinai-Grace Hospital in Detroit. Prior to this he was Chief of the Department of Urology at Sinai-Grace, a position he held for over 11 years. Dr. Maitland received his medical degree from Wayne State University School of Medicine and has been in practice for 32 years.

Dr. Maitland also served as Distinguished Medical Scholar-in-Residence during this year’s Distinguished Medical Lecture Series.

One out of every six men will be diagnosed with a form of prostate cancer in their lifetime.

Prostate cancer is the second leading cause of cancer death for men in America, behind only lung cancer.

Prostate cancer occurs mainly in older men: six in ten cases are diagnosed in men aged 65 and older.
METABOLIC SYNDROME

Metabolic syndrome is a cluster of metabolic risk factors – including hypertension, high triglyceride levels, low HDL levels, and above-normal blood glucose levels – associated with increased risk for heart disease, stroke, and type 2 diabetes.

“Metabolic syndrome is a problem we’ve seen grow in recent years,” said Dr. Moore during her Distinguished Medical Lectures Series talk on the disease, “and it’s having a disproportionate impact on our neighborhoods and communities here in Metro Detroit.” Those most at risk to experience complications arising from metabolic syndrome are women of color, she explained. “But, lifestyle changes, such as increasing physical activity and quitting smoking, in combination with medication to control blood pressure, cholesterol, and blood sugar, can significantly reduce the risk of complications from the syndrome.”

Dr. Moore is working to spread the word about risk factors for metabolic syndrome, and urges all those with a family history of heart disease or diabetes to ask their physician about their risk of developing the disease.

34 percent of American adults have metabolic syndrome.

People with metabolic syndrome are at increased risk for: Heart attack, stroke, and Type 2 diabetes.

A Body Mass Index (BMI) of less than 25 is ideal for preventing metabolic syndrome.

DR. CHERYL MOORE, MD is an internist with the Detroit Medical Center, operating out of Sinai-Grace Hospital. Dr. Moore, a graduate of Spelman College, received her medical degree from Wayne State University School of Medicine and has been in practice for 32 years. She specializes in diagnosing and treating hypertension as well as heart and lung diseases.
PSYCHIATRIC DISORDERS

Mental health disorders, including anxiety, depression, and a range of other mood and personality disorders, affect the way people think, act, and feel. And while mental health disorders are extremely common – approximately 54 million Americans suffer from a mental disorder each year – they often go un- or misdiagnosed, particularly in underprivileged neighborhoods and communities.

Dr. Jean Alce is a psychiatrist working to change this. The sooner a mental health disorder is diagnosed, the better, Dr. Alce explained during his Distinguished Medical Lecture Series seminar. Early detection and diagnosis allows a physician to begin treating the disorder and empowers the patient to manage his/her symptoms on a day-to-day basis. To this end, Dr. Alce is working to generate awareness around the importance of regular mental health evaluations, as well as developing new ways to make evaluations more accessible for all residents of Metro Detroit.

“It’s important that we address mental illness head-on,” Dr. Alce said, “it is not the type of thing that goes away if left alone.”

DR. JEAN ALCE, MD is a clinical psychiatrist at both Detroit Receiving Hospital and Henry Ford Hospital. Dr. Alce studied medicine at the National Autonomous University in Mexico City and completed his residency at Downstate Medical School in Brooklyn, New York, before moving to Detroit in the 1990s to assume the Directorship of In-Patient Services at the Detroit Psychiatric Institute.

Dr. Alce specializes in the treatment of depression and depressive disorders, attention deficit disorder (ADD)/attention deficit hyperactivity disorder (ADHD), and bipolar/manic depressive disorders.

One in four adults has a mental health disorder in any given year; half of US adults will develop a mental health disorder at some point in their lives.

Mental illnesses affect your mood, thinking, and behavior.

Mental health disorders are thought to be caused by inherited traits, environmental exposures, and brain chemistry.
COSMETIC ENHANCEMENT

Millions of Americans undergo cosmetic enhancement surgery each year. And while much of the field exists to service the more well-known procedures, such as breast augmentation or rhinoplasty (nose surgery), a good number of plastic surgeons are engaged in reconstructive and reparative procedures that extend well-beyond the popular conceptions of ‘plastic surgery.’ For example, complex cosmetic procedures are often required by burn victims, victims of serious accidents, or those who suffer from a birth defect like a cleft lip or palate.

For Dr. Bruce Chau, having the ability to help someone make a change in their appearance that will boost their confidence and self-worth, whether it is a simple elective tummy tuck or a series of grueling tissue expansion procedures, is gratifying. “There is more to plastic surgery than meets the eye,” Dr. Chau explained to a crowded room during his Distinguished Medical Lecture Series seminar, “our patients are coming to us for help, and we provide them a new outlook on life.”

DR. BRUCE CHAU, DO is a private practice plastic surgeon and Program Director for the Plastic and Reconstructive Surgery Residency program at Sinai Grace Hospital/Detroit Medical Center. Dr. Chau received his medical degree from Western University and has conducted a number of fellowships on burn, reconstructive, and aesthetic cosmetic surgeries. Dr. Chau, who was voted a “Top Doc” in 2014 in the Detroit Hour Magazine, operates a patient-focused practice and regularly performs both cosmetic and reconstructive surgeries.

15.6 million cosmetic procedures were performed in the United States in 2014.

Cosmetic enhancement surgery is more than just breast augmentation, liposuction, and Botox; burn and reconstructive surgeries are considered cosmetic procedures as well.
TRIPLE-NEGATIVE BREAST CANCER & SURGICAL ONCOLOGY

Typically, breast cancer is diagnosed by testing for the presence of three different cellular receptors, which indicate the development and progression of breast cancer. In the rare case that test results for all three are negative, but other tests such as a mammogram or MRI reveal a lump in the breast, the diagnosis is often an aggressive and deadly form of breast cancer known as triple-negative breast cancer (TNBC).

Dr. Lisa A. Newman is a surgical oncologist who has dedicated her career to better understanding and treating TNBC. “This form of breast cancer is particularly troubling,” Dr. Newman explained during her Distinguished Medical Lecture Series talk on this unique type of breast cancer, “African American women are disproportionately likely to be affected, at younger ages, and in more life-threatening ways.”

An estimated 231,840 new cases of female breast cancer will be diagnosed in 2015, 15 percent of these will be TNBC.

Women of color are twice as likely as white women to be diagnosed with TNBC.

If found in Stages 1 or 2, survival rates for TNBC are greater than 90 percent.

“While this is a tough form of breast cancer, we’re working to gain an edge on diagnosis and treatment.” This includes lymphatic mapping/sentinel lymph node biopsy and skin-sparing mastectomy, two techniques pioneered by Dr. Newman that help oncologists like herself pinpoint the cancer in tissue and treat it in the least invasive manner possible. “While we’ve made advances, cancers like TNBC are particularly difficult,” Dr. Newman said. “It’s important that all women, particularly women of color, do self-exams at least once a month and get yearly mammograms starting at around age 40. Early detection is the key to survival.”

DR. LISA A. NEWMAN, MD, MPH, FACS

is a surgical oncologist, Professor of Surgery, and Director of the Breast Care Center for the University of Michigan, Ann Arbor. Dr. Newman attended medical school and completed her general surgery residency at the State University of New York Health Science Center in Brooklyn, New York. She specializes in ethnicity-related variation in breast cancer risk and outcome, and her works have been published in numerous peer-review medical journals as well as popular media outlets.
ORTHOPEDIC SURGEON

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William Higgenbotham III, MD
ORTHOPEDICS

Orthopedic and musculoskeletal disorders affect an increasing number of Americans and span well beyond soft-tissue pains. Common orthopedic disorders include arthritis, osteoporosis, fibromyalgia, scoliosis, and carpal tunnel. In all cases, whether a musculoskeletal disorder is mildly-painful or life-threatening, it is important to seek treatment from an orthopedic specialist as quickly as possible.

Dr. William Higgenbotham III is an orthopedic surgeon who dedicates his time outside of the operating room to spreading awareness about the different types of musculoskeletal disorders and the importance of early diagnosis. “With significant procedural advancements, like arthroscopy,” Dr. Higgenbotham III told the audience at his Distinguished Medical Lecture Series presentation, “we can now conduct necessary orthopedic surgery in less time and at less risk to the patient.” And in the case surgery is not required, early diagnosis plays a crucial role in getting patients onto medication and enrolled in physical therapies before more, potentially irreversible, damage is done. In both cases, early diagnosis means relief from pain and improved quality of life for those who suffer orthopedic discomfort or a musculoskeletal disorder.

The number one cause of physician visits for musculoskeletal-related complaints is pain in the knees, back, and shoulders.

Approximately one in four Americans has some type to musculoskeletal impairment or orthopedic disorder.

By 2030, an estimated one in four Americans will have doctor-diagnosed arthritis.

Dr. William Higgenbotham III, MD is a board certified orthopedic surgeon who serves as the Chief Medical Office for The CORE Institute in Southfield, Michigan. Dr. Higgenbotham III received his medical degree from the University Of Illinois College Of Medicine and conducted his orthopedic residency at the Detroit Medical Center, where he served as Chief Resident. He has been in practice for 36 years and specializes in primary and revision joint replacement, as well as hip and knee surgeries.
PEDIATRIC MEDICINE

Dr. T. Jann Caison-Sorey, a former primary care pediatrician and adolescent health expert, spoke at the Distinguished Medical Lecture Series about the unique health challenges children face today. From childhood obesity, to diabetes and asthma, “we need to get serious about the health of our children,” Dr. Caison-Sorey explained. “Making sure kids have all the recommended vaccinations, live an active and healthy lifestyle, etc. – these are all things that not only help with their health now, but serve to build a foundation for their health in the future.”

Asthma is the leading chronic childhood illness in the United States, affecting one in ten children.

Childhood obesity has more than doubled in children and quadrupled in adolescents in the last 30 years.

Common childhood illnesses include: Croup, Chickenpox, Head Lice, Influenza, and (increasingly) Obesity.

DR. T JANN CAISON-SOREY, MD, MBA, FAAP is the medical director for Blue Cross Blue Shield of Michigan’s PPO and Care Management Program. Prior to working for BCBSM, Dr. Caison-Sorey worked for Henry Ford Health System as the division head of primary care pediatrics and adolescent medicine. She is an adjunct clinical faculty member for the School of Public Health at the University of Michigan, Ann Arbor, and formerly served as the President of the Wayne County Medical Society.

“As preventable morbidity and mortality among adults put a greater strain on our healthcare system, I cannot stress enough how important it is to start early providing for our children’s health so future generations won’t experience similar problems.”
GERONTOLOGY AND GERIATRIC DISORDERS

As the proportion of the Americans 65 years and older continues to rise, a focus on the health and well-being of older adults is increasingly important. The types of medical challenges this group faces, as well as the types of medical care they prefer, are often at odds with those of younger populations and necessitate clinicians who are knowledgeable and capable of caring for patients across different age groups.

Dr. Mohamed Siddique is careful to repeat this to all of his students and residents, passing on to them a principle he has found helpful in navigating his successful career as an internist and medical researcher. Some challenges of geriatric care are multifactorial disorders, atypical pathologies, and the required complexity of treatment regimes. “But, through research, we’re learning more each and every day about the causes of geriatric disorders and how to more effectively treat them,” said Dr. Siddique during his Distinguished Medical Lecture Series presentation on internal medicine. “Through continual research and experience, we are able to make the lives of our elderly patients better, both immediately and extending into the future.”

Unlike systems or disease-focused medicine, geriatric medicine is aimed at addressing health problems that are linked with aging.

Geriatric disorders include an array of cognitive, cardiovascular, orthopedic, and neurological conditions, as well as certain cancers.

Population aged 65 years and older constitute geriatrics, and should consult their physician for recommended checkups and screenings.

DR. MOHAMED SIDDIQUE, MD, FACP is the president of Academic Internal Medicine Specialists and chief of medicine for the Detroit Medical Center’s Sinai-Grace Hospital. Dr. Siddique received his medical degree from the Wayne State University School of Medicine, where he remains a clinical professor of medicine. He specializes in gerontology, as well as congestive heart failure and hypertension.
Tosan Fregene, MD
HEMATOLOGY AND ONCOLOGY

As the range of cancers that impact Americans shifts, the field of cancer prevention, diagnosis, and care has taken steps to meet and mitigate new threats. This includes new methods of testing and diagnosis, as well as more advanced treatment regimens. However, the importance of early diagnosis remains fundamental: the earlier the stage a cancer is caught, the more effective a treatment and greater likelihood for survival.

Dr. Tosan Fregene is an oncologist – a cancer specialist – who is dedicated to minimizing the life-altering impact cancer has in the lives of so many Americans. “For both men and women,” Dr. Fregene advised during his Distinguished Medical Lecture Series discussion on cancer in America, “the best thing you can do is to know your risk factors and undergo regular screenings.” “Cancer is no longer a death sentence, and the sooner we find it the better your chances are for a full recovery.” Dr. Fregene warned the audience to be aware of non-physical risk factors, such as socioeconomic status, racial and/or ethnic identity, and geography. “We now view most cancers more holistically, and it’s important that the general population be aware of their individual risk profiles.”

Lung, prostate, and stomach cancers are the most commonly diagnosed cancers in American men; breast, cervix, and colorectal cancers are the most commonly diagnosed in American women.

In 2015, 1.6 million new cancer cases are expected to be diagnosed in America; 590,000 Americans are expected to die of cancer.

Five year survival rate across all cancers is now 68 percent, up from under 50 percent in the 1970s.

DR. TOSAN FREGENE, MD is a board certified hematologist and oncologist who operates out of Beaumont and Providence Hospitals in the Detroit area. Dr. Fregene, a graduate of the University Of Lagos College Of Medicine, specializes in leukemia, colon and liver cancer, as well as hospice and palliative care. He has 26 years of experience diagnosing and treating different types of cancers.

WAYNE COUNTY COMMUNITY COLLEGE DISTRICT
BREAST CANCER
Breast cancer is a particularly intimate and deadly form of cancer. While new diagnoses are down, treatments are more effective than ever before, and the number of survivors increases each year, breast cancer remains a challenge many women (and, in rare cases, men) face at some point during their lifetime.

Dr. Wesen did not mince words in her Distinguished Medical Lecture Series presentation on breast cancer to a full auditorium; the most significant risk factors are gender (being a woman) and age (growing older), “and if you fit this category, you absolutely must be getting regular, clinical screenings.” And if you’re younger (under 50), Dr. Wesen recommends a mix of self-exams and clinical screenings. She also spoke on the importance of mitigating risk factors one can control, such as nutrition, weight, physical activity, and alcohol consumption. “While breast cancer is caused by genetic mutations that are ultimately a result of aging, maintaining personal health and wellness may help stave off such mutations.” Plus, Dr. Wesen explained, should an individual be diagnosed with breast cancer, a healthy lifestyle would go far to lessen the uncomfortable impacts of treatment.

DR. CHERYL WESEN, MD is the director of the St. John Providence Health System Breast Care Program. Dr. Wesen has practiced general surgery for over 35 years, and has been recognized as a “Best Doctor” for several of years by Hour Detroit Magazine. She specializes in implementing the latest surgical techniques to diagnose and treat breast cancer.

Breast cancer is the most common cancer in American women.

Approximately one in eight American women will be diagnosed with breast cancer during their lifetime.

Early detection is key to surviving breast cancer – when confined to the breast, breast cancer survival rates are close to 100 percent.
BARIATRICIAN, DIETICIAN AND NUTRITIONIST

26 Bill Nagler, MD
Dr. Bill Nagler, MD is a renowned bariatrician, dietician and nutritionist who has practiced in the Detroit area for over 25 years. Dr. Nagler, a graduate of the University of Michigan Medical School and Harvard Fellow, currently serves as a Diplomate to both the American Board of Bariatric Medicine and the American Board of Psychiatry and Neurology. He regularly appears on television programs such as Larry King Live, CBS This Morning, and has been featured in various prominent magazine publications.

More than 2/3 of Americans are overweight or obese.

Annual medical costs for individuals who are obese total $1,429 more than those of normal weight.

Obesity-related conditions include heart disease, stroke, type 2 diabetes and numerous other causes of preventable death.
PULMONARY DISEASE

Pulmonary diseases, including asthma, COPD (bronchitis and emphysema), pulmonary fibrosis, cystic fibrosis, and other lung diseases, affect millions of Americans each year and range in severity from uncomfortable to life-threatening. Medical advances have provided those who suffer from pulmonary diseases different treatment options, such as the inhaler, bottled oxygen, and even lung transplants, and many who suffer from lung diseases are now able to maintain a high standard of life during and after treatment. However, it is an overwhelmingly costly set of diseases, and in many cases entirely preventable.

In his Distinguished Medical Lecture Series discussion on the demands of practicing medicine, Dr. Lonnie Joe Jr. drew examples from his own practice in pulmonary medicine to drive home important lessons and takeaways. Lung disease, like many diseases and disorders, can be avoided through prevention – in the case of lung disease, not smoking or avoiding environmental hazards are crucial. Dr. Joe expanded on this case to exemplify the importance, across all fields of medicine, of practicing preventative measures in conjunction with responsive medicine. “Smokers are 12 times more likely to die of COPD than non-smokers,” Dr. Joe said, “if we want to reduce COPD mortality, we must curb smoking. It’s that simple.”

Dr. Lonnie F. Joe Jr., MD is a board certified pulmonologist affiliated with St. John Providence-Providence Park Hospital, in Southfield. Dr. Joe graduated from the University of Michigan Medical School in 1978 and completed his residency at Providence in 1981. Until recently, he was the longest serving president of the Detroit Medical Society. Dr. Joe’s practice and research interests center on asthma and COPD.

One in twelve Americans has asthma.

Chronic Obstructive Pulmonary Disease (COPD) is the third leading cause of death in America.

Smoking, age, and environmental hazards are prominent risk factors for pulmonary fibrosis – the hardening of lung tissue.
DOROTHY DEREMO, RN MSN, MHSA, FACHE

HOSPICE CARE
HOSPICE CARE

Hospice care is a bundle of physical, emotional, and social support services aimed at providing terminally-ill patients and their loved ones with comprehensive, compassionate end-of-life care. An alternative to ongoing hospitalization and medical treatments, hospice seeks to ensure comfort in the advanced stages of a serious illness, not cure.

“In end-of-life scenarios, comfort is key,” said Dottie Deremo at her Distinguished Medical Lecture Series presentation, which explored the growth of hospice care over the past two decades and its increasingly important role in a 21st Century healthcare system. “With hospice care, we are able to provide patients and their loved ones relief from physical and emotional pain, which allows them to get the most out of their remaining days.” Moreover, hospice care saves a significant amount of money as well. Cost savings from reduced hospital stays and treatment programs save insurance providers, and ultimately insurance holders, millions of dollars each year.

“What we’ve done is to reduce costs while increasing not only quality of service, but the quality of life for millions of terminally ill patients,” Deremo explained. “End-of-life care should no longer be taboo, talk with your doctor today if he/she hasn’t yet mentioned it. It is important to know your options and have a plan.”

Dorothy “Dottie” Deremo is a nationally recognized author, entrepreneur, health policy expert and business leader. She launched The Deremo Group in January 2014 with the goal of assisting leaders and companies to maximize their full potential to create great outcomes. Previously, Dottie served as President and CEO of Hospice of Michigan and was the founding president and CEO of the Hospice of Michigan Institute, Hospice of Michigan Foundation and the national nonprofit subsidiary company, At Home Support™.

Five percent of patients in the US healthcare system - those chronic disease and multi-organ failure - account for nearly half of all healthcare spending.

Seven out of ten Americans would prefer to die at home; only one in four actually do.

Patients receiving palliative care have greater quality of life and live an average of 2.7 months longer than those not receiving palliative care.
Health Sciences Program Updates

WCCCD is responding to employment growth in patient care and support services by expanding our health science degree and certificate programs. We’ve refined a number of our existing programs, and added a few new ones:

**ANESTHESIA TECHNOLOGY**
A six-semester degree program that prepares students to effectively monitor patients undergoing anesthesia, ensure proper preparation and care of equipment, and more.

**BIO-MEDICAL EQUIPMENT REPAIR TECHNOLOGY**
A six-semester degree program that provides students the knowledge and skills needed to support a 21st century health system by ensuring the safe and proper function of biomedical equipment.

**DENTAL HYGIENE**
A six-semester degree program that prepares students for a variety of lead and support roles on dental healthcare teams.

With world-class facilities, experienced teaching staff, and strong partnerships with local healthcare providers, health sciences students at WCCCD are not just trained for employment in the medical field, but for excellence.

WCCCD Surgical Assisting Program Students Meet Highest Standard on National Exam

WCCCD’s Class of 2014 Surgical Assisting program graduates had a 100 percent pass rate on the National Board of Surgical Technology and Surgical Assisting certification exam. The exam, designed to assess the skills and core body of knowledge of potential new entrants into the field of surgical technology, has a nationwide pass rate of just 60 percent.
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