Your OUTSTANDING IN-HOUSE Creative Service & Technical Support RESOURCE
Yes We Can

teleconference
design publications
create presentations
illustrate & animate
print posters
photography on location & in studio
develop websites
produce videos
print digitally
maintain classroom av equipment
and so much more!

biocom.arizona.edu
BioCommunications offers a comprehensive range of media planning, creation, production and support services to assist in the instructional, research and public service missions of the University of Arizona Colleges of Medicine, Nursing, Pharmacy and Mel and Enid Zuckerman College of Public Health.

– RITA ELLSWORTH, Director
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520-626-7343

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Phone: 520-626-7343
Fax: 520-626-2145
Hours: Monday - Friday:
8:00 am - 5:00 pm

Copy Technology Services
College of Medicine Room 3141
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Fax: 520-626-5864
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Services

Web Development & Graphic Services
Contact: Darla Keneston, 520-626-0136 dkenesto@biocom.arizona.edu
- 3D & 2D Animation
- Medical & Scientific Illustration
- Exhibits
- Publication Design & Production
- On-Screen Presentations
- University ID & Branding
- Posters
- Website Development
- Graphic Design

Event & Medical Photography
Contact: BioCom Service Desk, 520-626-7343 ops@biocom.arizona.edu
Kris Hanning, 520-626-0144 khanning@biocom.arizona.edu
- Event & Editorial Photography
- Portraiture – Formal & Passports
- General Illustrative Photography for Print & Digital Media
- Poster Printing & Inkjet Photographic-quality Printing for Publications
- Surgical/Patient Photography, including Total Body Photography

Medical Television & Teleconferencing
Contact: Control Room/Videoconferencing, 520-626-0167
Ricky Bergeron, 520-626-0129 rb@biocom.arizona.edu
- Webcasting & Podcasting
- Digital Video Format Conversion & Duplication Services
- Video Production
- Videoconferencing Support
- Video Systems Consultation

Media Technical Services
Contact: MTS Service Desk, 520-626-0151 mts@medadmin.arizona.edu
Barry Bernard, 520-626-2110 bbernard@biocom.arizona.edu
- Audiovisual Equipment Reservations & Distribution
- Classroom Audiovisual Systems Management
- Technical Planning & Operational Support for Events
- Audiovisual Equipment & Facilities Design Consultation

Copy Technology Services
Contact: CTS Service Desk, 520-626-7070 cts@biocom.arizona.edu
- Class Notes
- Complete Copy Services
- PDF Creation
- Full-color Digital Printing
- Scanning
- Finishing Services
- Book & Journal Copying
Graphic Design

Annual reports, brochures, invites, newsletters, photo composites, postcards, posters, powerpoint presentations and more
Funding gives us the essential resources to do what it takes to find answers for answers for these fat diseases. Your gift sets the tempo for strategic leadership in our quest to find answers for these fat diseases.

Giving people hope for the future is at the heart of our research efforts. We can change that with your support.

THE CHALLENGE
Free radical bullying know that an inherent, and after forty-four fat in ATDs and lay the groundwork for further discoveries. They can be used to search for answers for its diagnosis. What if I had a disease on my worst enemy, if I had one. "I wouldn't wish this disease on my worst enemy, if I had one."

Lipedema affects 17 million women in the U.S. Lipedema affects 17 million women in the U.S. 50% of Dercum’s disease grows back after they are removed. 16% of Dercum’s disease patients also have type 2 diabetes.

THE OPPORTUNITY
We don’t take breaks. You can help us create a better future – you. You know you need more than musicians to put on a gig. It takes people without whom the house lights would never dim or to make the backbeat. You can help us create a better future – you. YOU ARE THE DIFFERENCE.

THE BACKBEAT
Your gift puts all the necessary resources in the hands of brilliant innovators who will advance our studies and inspire hope in people just like Brian. Patrons like Brian deserve better answers and a pathway to treatment.

We can do it… in this lifetime. Thank you for giving us the possibility to make the world BETTER. We can do it… in this lifetime. Thank you for giving us the possibility to make the world BETTER. Patrons like Brian deserve better answers and a pathway to treatment.

It takes courage to be the first.
DIVISION OF PACCS
PULMONARY, ALLERGY, CRITICAL CARE, 
& SLEEP MEDICINE

Retractable banners
ENT in the Desert continuing medical education conference collateral: program, totebag, microfiber cloth and pen

February 15-17, 2018
Loews Ventana Canyon Resort
Tucson, Arizona

**Course Directors**
Steven J. Wang, MD, FACS
Stephen A. Goldstein, MD, FACS
Eugene H. Chang, MD, FACS

**Distinguished Faculty/Speakers**
Steven W. Cheung, MD, University of California, San Francisco, California
Mark S. Courey, MD, Mount Sinai Health System, New York, New York
Peter H. Huang, MD, Stanford University, Stanford, California
Brian Nussenbaum, MD, FACS, American Board of Otolaryngology, Houston, Texas
Soham Roy, MD, FACS, FAAP, University of Texas Medical School, Houston, Texas

**Presented by:**
Otolaryngology – Head & Neck Surgery

ENT in the Desert 7" x 9" Zig Zag Edges

Packaging: PVC Pouch

Quantity: 125

Item Color: White

Imprint Colors: Full Color

Imprint Method: Digital

Imprint Size: 7" W x 9" H (Production may alter to best fit imprint area, small variations should be expected)

Sku: SMARTD7x9

ART LAYOUT

125 #SMARTD7X9 7" X 9" FULL COLOR FULL BLEED MICRO FIBER CLOTH INSERTED IN 4" X 2 1/2" CLEAR POUCHES.
Antibiotics create spatial and metabolic niches for C. difficile in the large intestine.

Development of a sessile biofilm community enriched with C. difficile, E. Coli and Pseudomonas.

Biofilm production mitigates efficacy of difficile-directed antibiotics, with antibiotics perpetuating intestinal dysbiosis.

Phase of growth as well as quorum sensing proteins lead to activation of C. difficile virulence pathways, and to intoxication.

Inflammation is induced through toxin dependant and independent pathways, leading to systemic changes and pleiotropic states for non-difficile bacteria.

Fungal-associated biofilms promoting dysbiosis, including through xenobiotic compound production.
Illustration

An Arizona statewide competition where high school students design, build, and race solar-powered go-karts. Organized and hosted by Tech Parks Arizona. Students participate in a series of events held throughout the school year.

**RACING THE SUN**

**Competition Milestones**

1. **September 2017:** Introductory 101 Workshops
2. **October 2017:** Project Planning
3. **November 2017:** Electrical Drawings
4. **December 2017:** Mechanical Drawings
5. **February 2018:** Project Review with Industry Professionals
6. **February 2018:** Career Day with Industry Partners
7. **April 2018:** Test Day
8. **April 2018:** Verbal Presentation

And, We’re Off to the Races!

**TODAY WE ARE GOING TO PICK STRAWBERRIES AND SEE HOW THEY ARE GROWN!**

**I LIKE TO EAT STRAWBERRIES WITH BANANAS!**

**ROTATIONAL HEART PUMP**

**OXYGENATOR**
Website Design & Development
UAHS BioCommunications collaborated with the Office of Development, colleges and research centers at the University of Arizona Health Sciences celebrating milestone anniversaries in 2017. A branding campaign featuring anniversary icons was created to honor these institutions that – individually and collectively – are building a healthier Arizona. Every day. For everyone.

The University of Arizona Health Sciences
Anniversary website developed with a calendar of events, a timeline featuring milestones from the health sciences colleges and research centers, a solicitation to share a memory and an appeal to give.
College of Medicine – Tucson celebrating 50 years
Creation of graphics for exterior and interior building banners, 3-D signage, powerpoint presentation, podium sign, lapel pin, touchscreen graphics and window decals.
UAHS Anniversary Awareness Campaign

College of Medicine – Phoenix – celebrating 10 years
Lobby banner

Mel and Enid Zuckerman College of Public Health – celebrating 17 years
Anniversary icon elevator decal

College of Pharmacy – celebrating 70 years
Exterior building banner

College of Nursing – celebrating 60 years
Email footers created with responsive social media and giving links for all units celebrating milestone anniversaries.
In 1985, the year before University Heart Center was established, Jack G. Copeland, MD, became the first surgeon to successfully use an artificial heart as a bridge to heart transplant. The artificial heart replaced the diseased heart of an end-stage heart failure patient, Michael Drummond, saving his life while he waited for a donor heart. Today, heart failure (HF) affects about 5 million people in the United States and about 250,000 people die each year from HF. Cardiologists have learned a lot during the past 30 years about how to improve a person’s odds of living longer with HF, while maintaining a better quality of life. Advanced heart failure and transplant cardiologists care for HF patients who are out of options. What was just a few years ago the end of the line, is no longer. Heart transplantation, artificial heart pumps, specialized pacemakers and new and better drugs are making a difference. Zain Khalpey, MD, PhD, cardiothoracic surgery, and Jennifer Cook, MD, cardiology, collaborate as the surgical and medical directors of the Mechanical Circulatory Support Program to provide heart failure patients with options of life-extending devices that typically extend life for years, when traditional medical therapies aren’t working.
College of Medicine – Tucson
Class of 2018 Convocation Ceremony

Group Shots

Event Photography and Candids
CLASS OF TWO THOUSAND

18

Convocation Ceremony

Thursday, May Tenth
Two Thousand and Eighteen
Seven o'clock in the evening
Centennial Hall - Main Campus
Tucson, Arizona

Live video streaming to Facebook LIVE and archived on BioCom streaming server
https://www.facebook.com/UACOM.Tucson/videos/vb.395362050539775/1708032082606092/?type=2&theater
All of Us Research Program

Wayfinding

Selfie frames

Table cover

Floor decals

Vehicle graphics

Please specify magnetic material to be used. Show prices for sizes noted above. Is this okay when running through a car wash?

Show prices for sizes noted above.

Do you install? Please provide est for application.
The UA and Banner Health were awarded part of a $60 million grant from NIH. BioCom is working with the All of Us marketing and communications team, UAHS Research Office and Wondros, a national ad agency to develop and co-brand print materials, specialty items, website and wayfinding as part of the campaign to enroll one million Americans to participate in this research program to improve the prevention and treatment of disease based on individual differences in lifestyle, environment and genetics.

To join the All of Us Research Program at the University of Arizona and Banner Health:

Register online: www.AllofUsAZ.org
Call: 877-268-2684

Co-branded brochure and rack

Tent cards in English and Spanish
Photography

The All of Us Research Program at UA-Banner Health also requested specific portraiture for cohesion with the national campaign. All individuals were photographed in a three-quarters pose on a consistent background with similar lightening.
Selected Video Productions

Nephrology Department promotional
https://vimeo.com/229049596

Children's Postinfectious Autoimmune Encephalopathy (CPAE) Center of Excellence at the University of Arizona Steele Children's Research Center clinic overview
https://vimeo.com/256489723
REACT CPR (Spanish)
https://vimeo.com/269057608

UAHS – Together
https://vimeo.com/240722699