Injectable drug prevents hypoglycemia after gastric bypass
A subcutaneously administered drug may help gastric-bypass patients with a complication of chronic severe low blood sugar. Colleen Craig, MD, an endocrinology fellow, developed this drug with her mentor Tracey McLaughlin, MD, with the help of a Spectrum KL2 Mentored Career Development Award and a SPARK-Spectrum pilot grant. It was licensed to Eiger BioPharmaceuticals and is currently in Phase II multicenter clinical trials.

New algorithm identifies candidates for palliative care
A paper published in arXiv describes a computer program that analyzes a patient’s records and estimates the chance of mortality in the next 3 to 12 months. It also creates reports to explain its predictions to doctors, to help them make better decisions about palliative care. This project was led by Anand Avati, a PhD candidate at the Stanford Artificial Intelligence Laboratory and Nigam Shah, MBBS, PhD, assistant director of the Center for Biomedical Informatics Research.

Stem cells that generate fat tissue have a circadian clock
The discovery of circadian-clock machinery in the precursors to fat cells may explain why shift workers are prone to metabolic diseases such as diabetes.
The study shows that adipocyte precursor stem cells have a circadian clock that functions differently than the body's other cells, and that perturbing the clock changes the pace at which the cells turn into mature fat cells. This project led by Brian Feldman, MD, PhD, was partially funded by Spectrum, SPARK and the Stanford Child Health Research Institute.

Verily executive outlines future health care goals at Biodesign Fogarty Lecture
Jessica Mega, MD, chief medical officer of Verily Life Sciences, discussed the long-term goals of Project Baseline, a Stanford-Duke collaboration to better understand the molecular basis of health and disease by collecting comprehensive biomedical data from as many as 10,000 participants over a four-year period. Watch a video of the talk here.

Study aims to improve breast cancer outcomes for African Americans
Spectrum’s Office of Community Engagement and Center for Population Health Sciences has received a pilot award from Stanford’s Cancer Institute to address disparities in breast cancer outcomes of African Americans. The three-part study will use innovative patient engagement strategies to enhance education and recruitment of this population into clinical trials. For more information, contact Lisa Goldman Rosas, MPH, PhD.

People
Raluka Abrahami has joined Spectrum as an OnCore Systems and Data Analyst.
Roxanna Van Norman is the Child Health Research Institute’s new marketing manager.

Resources
Biostats/data support available to child health researchers
The Child Health Research Institute (CHRI) has partnered with the Quantitative Sciences Unit (QSU) in the Department of Medicine to provide...
comprehensive biostatistics and data management support for research that is related to maternal and child health. This resource is available to all CHRI members and their mentees. For details.

**CTRU winter closure schedule**
The CTRU operating schedule during winter closure is posted [here](#).

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## Education

**Essentials of Clinical Research at Stanford**

Thursdays, 3:30 – 6:00 p.m., LK130

Learn more and enroll.

- **The Conduct of Research: Protocol Development, Running a Trial & Trial Closeout**
  Jan. 10, 18, 25

- **Ethics and Reproducibility**
  Feb. 1, 8

- **Specialty Topics in Research: Surgery, Cancer, Cardiovascular Medicine, Community Health, Pediatrics, Psychiatry & Behavioral Sciences**
  Feb. 15, 22, Mar. 1, 8, 15, 22

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**Stanford Clinical Research Operations Program**

Enroll in the certificate program. Learn more.

- **The Informed Consent Process**
  Recurring monthly on the 1st Tuesday.
  9:00 – 11:00 a.m., Li Ka Shing LK308

- **Overview of Clinical Research Resources**
  Recurring monthly on the 2nd Tues
  10:00 – 11:30 a.m., 800 Welch Road, FC180

- **Research Billing: Utilizing the Budgeting and Billing Workbook**
  Recurring monthly on the 3rd Tuesday
  10:30 – 12:00 p.m., 800 Welch Road, FC180

- **Research Budgeting**
  Recurring quarterly: Feb. 8, May 10, Aug. 9, Nov 28

- **Good Documentation Practices**
  Multiple dates in 2018: Jan. 31, Jul. 25

- **Study Start-Up**
  Multiple dates in 2018: Feb. 28, Jun. 12, Oct 31

- **Ethics and Clinical Research**

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**For details**
Multiple dates in 2018: Apr. 10, Jul. 12

Understanding Phases of Research and Types of Studies
Multiple dates in 2018: Apr. 25, Aug. 29

IRB Reporting: Event, Unanticipated Problems and Non-Compliance
Multiple dates in 2018: Jun. 27, Sept. 26

Study Teams Roles and Responsibilities and the Delegation of Authority
Multiple dates in 2018: May 30

Clinical Research Operations electives

CTRU Onboarding Process
Recurring bi-monthly starting Feb. 2018

CTRU Budgeting Tool Process
Recurring bi-monthly starting Mar. 2018

Ethics and Community Health
Thursday, Mar. 8, 2018
9:00 – 10:30am
Li Ka Shing, LK130

Sponsor Investigator Research
Wednesday, Mar. 28, 2018
12:15 – 1:15 p.m.
Li Ka Shing, LK 120

Genomics Data Sharing
Tuesday, May 8, 2018
9:00 – 10:30 a.m.
Li Ka Shing, LK130

On-demand classes:
Take anytime. Complete quiz and evaluation to receive credit.

The Stanford IRB Process

Overview of ClinicalTrials.gov

Grant Writing

The following classes are being offered by the Stanford Grant Writing Academy
for graduate students, postdocs and junior faculty.  
http://biosciences.stanford.edu/grantwritingacademy/

**Writing for the Sciences**
Sponsored by Lagunita  
[Online Registration](http://biosciences.stanford.edu/grantwritingacademy/)

**Grant Writing Retreat (for Grad Students)**  
Saturday, March 10, 2018  
10:00 – 4:00 p.m.  
Register [here](http://biosciences.stanford.edu/grantwritingacademy/).

Send events/education items to krisn@stanford.edu.  
Spectrum | The Stanford Center for Clinical & Translational Research & Education, 800 Welch Road, Palo Alto, CA 94304-5737

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