Bionics Lab > People > Lab Members

## **Lab Members**

# **Faculty**



Jacob Rosen Ph.D.

Associate Professor Bionics Lab Director

Research Fields: Bionics, BioRobotics

Office: Engineering 2 Building, Room 231 Lab: Engineering 2 Building, Room 201

Voice Office: 831.459.5302 Voice Lab: 831.459.2448 e-mail: rosen@ucsc.edu

| Personal Web Page | Dept. of CE Web Page

## **Graduate Students**



Zhi(Jane) Li

Graduate Student (CE)

Research Fields: Surgical Robotics

Lab: Engineering 2 Building, Room 201

Voice Lab: 831.459.2448 e-mail: zhil@soe.ucsc.edu



#### **Matt Simkins**

Graduate Student (CE)
Research Fields: Surgical Robotics

Lab: Engineering 2 Building, Room 201

Voice Lab: 831.459.2448 e-mail: msimkins@ucsc.edu



### **Hyunchul Kim**

Graduate Student (EE)

Research Fields: Upper Limb Exoskeleton

Lab: Engineering 2 Building, Room 201

Voice Lab: 831.459.2448





Aimen Al-Refai

Graduate Student (CE)

Research Fields: Exoskeleton

Lab: Engineering 2 Building, Room 201

Voice Lab: 831.459.2448 e-mail: aalrefai@ucsc.edu



Jay Roldan

Graduate Student (CE)

Research Fields: Upper Limb Exoskeleton

Lab: Engineering 2 Building, Room 201

Voice Lab: 831.459.2448 e-mail: juroldan@ucsc.edu

### **Nick Cramer**

Graduate Student (CE)

Research Fields: Exoskeleton



Lab: Engineering 2 Building, Room 201 Voice Lab: 831.459.2448

e-mail: ncramer@ucsc.edu

## **Undergraduate Students**



**Ariel Anders** 

Undergraduate Student (CE)
NSF Summer Undergraduate Research Fellowship in
Information Technology (SURF-IT) - Summer 2010
Research Fields: Industrial Robotics
e-mail: anders.ariel@gmail.com

**Project Description 2020** 



**Zachary Wells** 

Undergraduate Student (BioE) Research Fields: Surgical Robotics

Lab: Engineering 2 Building, Room 201

Voice Lab: 831.459.2448 e-mail: zawells@ucsc.edu



Kyle Fujisawa

Undergraduate Student (CE) Research Fields: Surgical Robotics

Lab: Engineering 2 Building, Room 201

Voice Lab: 831.459.2448 e-mail: kfujisaw@ucsc.edu

### Calvin Yoo

Undergraduate Student (CE) Research Fields: Surgical Robotics



Lab: Engineering 2 Building, Room 201

Voice Lab: 831.459.2448 e-mail: cyoo@ucsc.edu

### Farhad Ighani

Undergraduate Student (BioE) Research Fields: Surgical Robotics

Lab: Engineering 2 Building, Room 201

Voice Lab: 831.459.2448 e-mail: fighani@ucsc.edu

## **Post-Doc & Visitors**



Ji Ma, Ph.D.

Post-Doc

Research Fields: Surgical Robotics

Lab: Engineering 2 Building, Room 201

Voice Lab: 831.459.2448 e-mail: jima@soe.ucsc.edu



Choon Young Lee, Ph.D. Visiting Associate Professor

School of Mechanical Engineerig, Kyungpook National University, 1370 Sangyeok-dong, Bukgu, Daegu 702-701 Republic of Korea

e-mail: cylee@knu.ac.kr

## **Lab Alumni & Former Visitors**

## **Former Graduate Students**



Levi M. Miller (Ph.D. Student)

Graduate Student (ME)

Research Fields: Upper Limb Exoskeleton

e-mail: makaio@u.washington.edu



**Jared Mednick M.Sc.** (Computer Engineering) - 2011

Research Fields: Lower Limb Exoskeleton

e-mail: jmednick@soe.ucsc.edu

### Former Graduate Students (University of Washington)

Jeff Brown Ph.D. (Bioengineering) - 2003
Mitch Lum M.Sc. (Electrical Engineering) 2004
Mitch Lum Ph.D. (Electrical Engineering) 2008
Joel C. Perry Ph.D. (Mechanical Engineering) 2006
Scott Gunther M.Sc. (Mechanical Engineering) 2006
Tariq Abuhamdia M.Sc. (Mechanical Engineering) 2008

## **Former Post-Docs**



### Daniel Glozman, Ph.D.

Post-Doc - 2009/2010

Research Fields: Surgical Robotics

e-mail: daniel@glozman.org

## **Former Visitors**



Wen Yu, Ph.D.

Visiting Associate Professor -2010

Departamento de Control Automatico CINVESTAV-IPN Av. IPN #2508, Mexico D.F., 07360, Mexico

phone:+52-55-5747-3734 fax:+52-55-5747-3982

e-mail: yuw@ctrl.cinvestav.mx



Byoung Loh, Ph.D.

Visiting Associate Professor - 2010

Dept. of Mechanical Systems Engineering Hansung University Seoul Korea

TEL: 82-2-760-5865

e-mail: byoungloh@gmail.com

# Former Summer Interns (Graduate Students)



#### **Allert Bosch**

Graduate Student
Summer Internship (Summer 2010)
Delft University of Technology, Netherlands
e-mail: habosch@gmail.com.



**Michel Bovy** 

Graduate Student
Summer Internship (Summer 2009)
Delft University of Technology, Netherlands
e-mail: bovymichel@gmail.com



Riccardo Signoretti

Graduate Student (traineeship)
Summer Internship (Summer 2009)
MS Nanotechnology for ITC
Polytechnic of Turin, INP Grenoble, EPF Lausanne
Research Fields: Surgical Robotics
e-mail: signoretti.riccardo@gmail.com

# Former Summer Interns (Undergraduate Students)



### **Carol Owens**

Undergraduate Student (EE)
NSF Summer Undergraduate Research
Fellowship in
Information Technology (SURF-IT) - Summer
2011

Research Fields: Exoskeleton e-mail: caeowens@ucsc.edu



### **Rachel Rieger**

Undergraduate Student (ME, BioE)
NSF Summer Undergraduate Research
Fellowship in
Information Technology (SURF-IT) - Summer

Research Fields: Exoskeleton e-mail: ralirieger@gmail.com



### Amanda Gentzel

Undergraduate Student (CS)
NSF Summer Undergraduate Research Fellowship in
Information Technology (SURF-IT) - Summer 2010
Research Fields: Surgical Simulation
e-mail: gentzeam@westminster.edu

Project Description 2010



Raunak K. Khandelwal

Undergraduate Student (CE) Summer Internship (Summer 2009) IIT Bombay, India e-mail: raunak.iitb@gmail.com



### Sarah Richardson

Undergraduate Student (CS)
NSF Summer Undergraduate Research Fellowship in
Information Technology (SURF-IT) - Summer 2009
Research Fields: Exoskeleton VR
e-mail: sgrichar@stetson.edu

Project Description 2009

### **Ben Farley**

Undergraduate Student (CS)



NSF Summer Undergraduate Research Fellowship in Information Technology (SURF-IT) - Summer 2009 Research Fields: Exoskeleton VR

e-mail: farleyb@carleton.edu

Project Description 2009



Pate Motter

Undergraduate Student (CS) NSF Summer Undergraduate Research Fellowship in Information Technology (SURF-IT) - Summer 2009

Research Fields: Exoskeleton VR e-mail: patemotter@gmail.com

Project Description 2009



**Hector Medina** 

Undergraduate Student (EE)

UC LEADS Scholar - Summer 2009 Research Fields: Industrial Robotics

e-mail: hmedina1@ucsc.edu



Tina Nguyen

Undergraduate Student (EE) NSF Summer Undergraduate Research Fellowship in Information Technology (SURF-IT) - Summer 2009 Research Fields: Exoskeleton Lower Limb

e-mail: tina@soe.ucsc.edu

Project Description 2009

# Former Undergraduate Students



### Joshua Cottrell Schloemer

Undergraduate Student (CE) Research Fields: Surgical Robotics

Lab: Engineering 2 Building, Room 201 Voice Lab: 831.459.2448 e-mail: jcottrel@ucsc.edu



Jay Roldan

Undergraduate Student (CE) - 2008-2011 Research Fields: Upper Limb Exoskeleton e-mail: juroldan@ucsc.edu



Asis Lopez

Undergraduate Student (BioE) - 2008-2011 Research Fields: Exoskeleton e-mail: asis@ucsc.edu



**Evan von Lockum** 

Undergraduate Student (CE) - 2019-2011 Research Fields: Upper Limb Exoskeleton e-mail: evonlack@ucsc.edu



Nolan Lau

Undergraduate Student (CE) - 2010 Research Fields: Industrial Robotics e-mail: nxlau@ucsc.edu



### Samuel Ramirez

Undergraduate Student (CE) -2010 Research Fields: Industrial Robotics

e-mail: sr62569@ucsc.edu



### Maria Simbirsky

Undergraduate Student (Mathematics; Molecular, Cell and

Developmental Biology - MCDB) - 2010 Research Fields: Surgical Robotics

e-mail: indecisive monotone@hotmail.com



**Brady Boone** 

Undergraduate Student (BioE) - Summer 2009 Research Fields: Exoskeleton

e-mail: bboone@ucsc.edu

• Bionics Lab

### Research

- Wearable Robotics
- Surgical Robotics
- Multidimensional Topics

### Publications

• <u>Journals & Proceedings</u>

<u>Dissertations</u>

## Education

- <u>Classes</u>
- <u>Opportunities</u>

## People

- <u>Lab Members</u>
- <u>Collaborators</u>

## Information

- <u>Facilities</u>
- Contact
- <u>Directions</u>
- Media Coverage
- Sponsors
- Internal Access

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