

### CSUDH Prosthetic Students are conducting research studies and are looking for participants! Please check for directions to participate. Results will be shared with participants to help educate the amputee community.

#### These research studies only require filling out a short survey:

Does using adaptive equipment increase quality of life? Survey link: <u>https://forms.gle/V56VNy4JV4qZKBXq7</u> Contact Daicy for any questions at <u>daicyluo@gmail.com</u>

Is high salt intake associated with lower socket comfort? Survey link: <u>https://docs.google.com/forms/d/</u> <u>e/1FAlpQLSc40xz5kkSO5l85ZKm8jgPwxrDwkGyuPBFRPKnU6JIA95XKGA/viewform</u> Contact Kaylee for any questions at <u>kclary1@toromail.csudh.edu</u>

What is the relationship between body image and time since amputation? Survey link: <u>https://docs.google.com/forms/d/</u> <u>e/1FAlpQLSdLP4sle1PuybN0TfrzbXBEIInJTX9UAlpcFLt\_40NGvrAdng/viewform?vc=0&c=0&w=1</u> Contact Dana for any questions at <u>dana.green.6@gmail.com</u>

Is level of activity related to socket comfort scores? Survey link: <u>https://docs.google.com/forms/d/1FlpLcEThJ6Wfp5Azbwn5Xa2IWglXbsmrt9VH97F5ja0</u> Contact Morgan for any questions at <u>mlishawa1@toromail.csudh.edu</u>

### These research studies require an in-person visit:

Do transtibial amputees experience significant differences between perceived vs actual limb location?

The study will include a test of your knee joint position awareness. Contact Brianna at <u>bheath1@toromail.csudh.edu</u> to participate

Is there a relationship between risk of falls and level of socket comfort?

This study includes a questionnaire and an outcome measure Contact Celestia at <u>cdavila18@toromail.csudh.edu</u> to participate



Dick Fuller

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# **Speaker's Of The House**



Canine Companions

Scott Bourdelais and his 4th new dog Danny in training. When Scott receives a new puppy it takes 3 to 6 months to train them with about 30 verbal commands. There are six training facilities and 1,000 dogs in training at any one



time and there are 10 to 14 graduating teams per quarter. The ma-

jority of service dogs are black and yellow Labrador Retrievers. They are bred to be calm and gentle. Scott mentioned that only about 50% of dogs make it as service dogs. Service dogs normally retire after 10 to 12 years of service. The dogs are matched and trained for the new owner's special needs at a cost of \$50,000 each.

"Canine Companions for Independence" is the largest non-profit organization provider of assistance dogs started 41 years ago.

We were also glade to welcome a new visitor from 'Fudge Family Acute Rehabilitation Center', Monica Jones, RN, BSN, CRRN.

Had a good tip from Tim Moussean.

After years of fitting skin sores, he switched to silicon liners and his skin break downs disappeared.



erollo@csudh.edu

### **Seeking Models for Orthotics & Other Prosthetics Programs**

That was the topic of todays meeting.

At our meeting we had 7 students from Cal State (**CSUDH**) who are studying to be prosthetists/orthotists. The Masters of Science program in Orthotics and Prosthetics would like to employ individuals to act as patient models. They are in dire need of models to practice and learn their most exciting and gratifying trade. Not only are models needed but there is also the need for volunteers to participate in the studying of amputee lifestyles to gain further knowledge. This is an opportunity to assist in the training of future practitioners.

10641 Calle Lee, Ste. 185, Los Alamitos, CA 90720

Listed below where the presenters from CSU that are participating in the Masters program and their area of study.

 Megan Davies - Do patients with a dominant side transtibial amputation have altered mobility and balance?

 Aldo Arias - Is phantom limb pain related to time since amputation?

 Morgan Lishawa - Is level of activity related to socket comfort scores?

 Kaylee Clary - Is high salt intake associated with lower socket comfort?

 Brianna Heath - Do transtibial amputees experience significant differences between perceived vs actual lamb location?

 Celestia Davila - Is there a relationship between risk of falls and level of socket comfort?

 Dana Green - Relationship Between Body Image and Time Since Amputation.

 If you are at all interested in participating or just getting more information:

 Contact:
 Where:

 Elisabeth Rollo (562) 735-3300 x 301







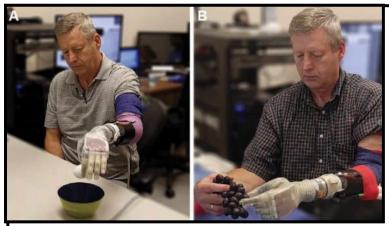
**DOYLE LAW** is a law firm that focuses on representing prosthetists and amputees in insurance and personal injury claims. Firm principal CONAL DOYLE is a right leg amputee who has walked with the aid of prosthetics for more than forty years. He has an in-depth knowledge of the prosthetic industry and the daily struggles of every amputee.

We provide a FREE consultation to the prosthetic industry and their patients to determine whether an insurance claim for prosthetic benefits has been wrongfully denied. The Firm has a long track record of getting claims paid and obtaining significant six figure recoveries for amputees whose claims have been wrongfully denied.

The Firm has a national reputation as a leader in the area of amputee rights and personal injury litigation. Conal Doyle's publication, "Glimpsing the Future for an Amputee" is used as a guide for litigation limb loss cases by attorneys across the nation. The Firm has obtained numerous multi-million dollar recoveries for the injured. Conal provides a FREE consultation.

## Scientists Have Created a Prosthetic Arm That Lets Patients Feel

## Touch Again



Article written by, <u>Ed Cara</u> Science writer at Gizmodo and pug aficionado elsewhere

Keven Walgamott using the LIKE to hold and move an egg {left} and pick grapes (right). Photo: George, et al (Science Robotics)

In 2016, Gregory Clark and his team recruited the aid of Keven Walgamott, who lost his hand and some of his arm in an accident around 15 years ago. Walgamott was implanted with the USEA, which was connected to an advanced prosthetic arm developed by the company Deka and named LUKE in honor of the prosthesis that the Luke Skywalker

donned in the Star Wars series. Then over the course of 14 months, Walgamott traveled to the university to test out the arm in their lab. When the interface was turned on (referred to as 'stimming' by Walgamott), he was not only capable of feeling the things his LUKE hand touched, but could distinguish between touching something soft or hard. That added sensitivity made it easier for Walgamott to pull off surprisingly complex movements, like picking grapes, delicately lifting a fragile box, or stuffing a pillow into its case. But most significant was how Walgamott reached emotionally while using the LUKE. "We can't yet fully replicate nature's rich repertoire of sensation and perception," he said. "But we can do far, far better than occurs when there's no sensation at all.

# FAST ANNUAL PICNIC

Saturday, October 19th , 2019

10:30 am – 2 pm

William R Mason Regional Park - Shelter 1

18712 University Drive, Irvine, CA 92612

Located SW of the 405 and 55 freeways

Come for the Food



Stay for soccer!

Fun Clinic 12:30 — 2 pm — Forearm crutches provided

RSVP: fastofoc@aol.com

## **Did You Know Corner**

Monty Franklin Pierce Stratton, nicknamed "Gander" for a trick pitch he developed, was a 6' 4" Major League Baseball pitcher. His major league career ended prematurely when a hunting accident in 1938 forced doctors to amputate his right leg. Fitted with a **wooden leg**, In a touching, courageous display, Stratton took the mound to demonstrate that he could still pitch, though he was unable to transfer his weight effectively to the artificial leg. Stratton played in the minor leagues from 1946 to 1953. His comeback was the subject of the 1949 film The Stratton Story, in which he was portrayed by Jimmy Stewart.

#### **Monty Stratton**



She has loved her leg so far, and insisted on wearing it... she's showed off her new leg to pretty much everyone she's encountered.





Helping Ordinary People Live Extraordinary Lives

-Morgan's mom

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amazonsmile



### Lenses for your changing visual needs

Whether you grew up with perfect vision or needed corrective lenses early in life, there are some inevitable <u>vision changes</u> that can take place as early as your 40s. Typically this is when <u>presbyopia</u>, a decline in your ability to focus close up, sets in. So, if you've celebrated the big "four-0" and you're starting to need a selfie stick to read your texts and e-mails, you could be presbyopic. If you also need vision correction to see far away, progressive lenses might be the perfect solution to address both needs. Instead of switching between a pair of glasses for reading and a pair for distance, <u>progressive lenses</u> allow you to see clearly near, far and everywhere in between.

Progressive lenses are considered superior to bifocals and trifocals because they provide a seamless (literally, the lenses are line-free) and more natural transition when switching between near and far viewing. Bifocals and Trifocals offer only 2-3 focal distances in the lenses. With all the choices of progressive lenses out there, surveys have shown that <u>Unity Via Progressive Lenses</u> provide the most advanced technology. Each pair is designed to give you clear vision wherever you look because the lenses are made precisely to fit the way your eyes work.

In addition to providing vision correction, certain lenses can also help defend your eyes against UV rays and blue light. Light-reactive lenses, like <u>SunSync</u>, quickly darken outdoors, blocking 100% of UV light and reducing your blue light exposure from the sun while minimizing glare. Indoors, these lenses return to clear, delivering precise vision and targeted filtration of blue light from digital screens and energy-efficient light-ing. And if you're concerned about how long it takes for light-reactive lenses to get clear indoors, try <u>Sun-Sync Elite</u> which changes from dark to clear in seconds.

Annual eye exams can help you understand changes in your vision, eye health, and overall wellness. Not to mention, it's the perfect time to discuss which lens technology best fits your changing lifestyle.

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	"I thought you were dieting?"	۱ſ	Things to do		
Husband		ŀŀ	<b>Tip</b> your server. <b>Return</b> your shopping car <b>Pick</b> up a piece of trash. <b>Hold</b> the door for the person behind you. <b>Let</b> someone into		
Wife	"I am"	F			
Husband	"You just ate 6 Oreos"	ין ן ו	your lane. Small acts can have a ripple effect. That's how we change the world.		
Wife	"Yes but I wanted to eat 12. See, dieting works"		That's now we change the world.		

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# Calendar for 2019



January	<b>19</b> Rosie Days (Pain management).	May	18	Fred Randjbar	September	21
February	y 16. Bowling at Round One at 10:30	June	15		October	19. Picnic
March	16 Willis Sutcliff	July	20	Scott from Canine Companions	November	16
April	20	Augus	st 17	Bowling	December	21. Holiday Party



#### *FAST Times* is the publication of the <u>Functional Amputee Support Team</u> of Orange County, California, PO Box 7373, Orange, California, 92863-7373, phone (714) 284-5566, a not-for-profit organization whose sole purpose is to provide support for amputees. This non copyrighted newsletter is published four times each year, with a printed circulation of approximately 60 copies per issue, which are mailed to registered members of the support group at no charge, and each issue is also available online when published, for those members who have waived the print edition, at: http://www.fastgroup.org - and will be distributed through an email link to all subscribers who have waived the print edition.

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Articles are solicited from both the membership and professional community, and those submitted on paper will be returned only upon receipt of a stamped, self addressed envelope.

The preferred method of article submission is by email attachment to: *FAST*ofOC@aol.com. ATTN: Dick Fuller *FAST* President and Assistant Editor. Nancy Platka Associate Editor, Bill Lindahl Editor, Gil Aguilar Treasurer, Maria Lindahl Secretary, Suzi Luke communication coordinator, and Dave Bernstein Mail Coordinator.

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