

# De Luca Foundation thanks Dr. John Basmajian



## Acknowledging Mentors

Prof. Carlo J. De Luca spent countless numbers of hours guiding my professional life & my life-long desire to lead an enterprise. There was a purity in his mentorship I had never experienced before.

Prof. De Luca often talked about a similar mentorship he had received from Dr. John V. Basmajian that guided him for half a century.

Today young immigrants from India and other countries ask me how I got here.

I tell them it starts with a good mentor.

### Devi De Luca

President & Director - De Luca Foundation

CEO - Delsys, Inc.

CEO - Altec, Inc.



Wise man behind  
ISEK & DLF

[Read More >](#)



Celebrating the life  
of Prof Basmajian

[Letters >](#)



Impossible is  
Possible

[Read More >](#)



Killam  
Prize

[Walter Herzog >](#)



Research Grants  
from DLF

[Visit Website >](#)



# Wise man behind ISEK & De Luca Foundation

**Dr. John V. Basmajian (21 June 1921 - 18 March 2008)**

Dr. John V. Basmajian's profound scientific legacy lives on through **ISEK**, which he co-founded nearly 5 decades ago. His ground-breaking research, publications, books and lectures established the vital importance of electromyography in biomechanics and rehabilitation, laying the foundation for work that continues today.

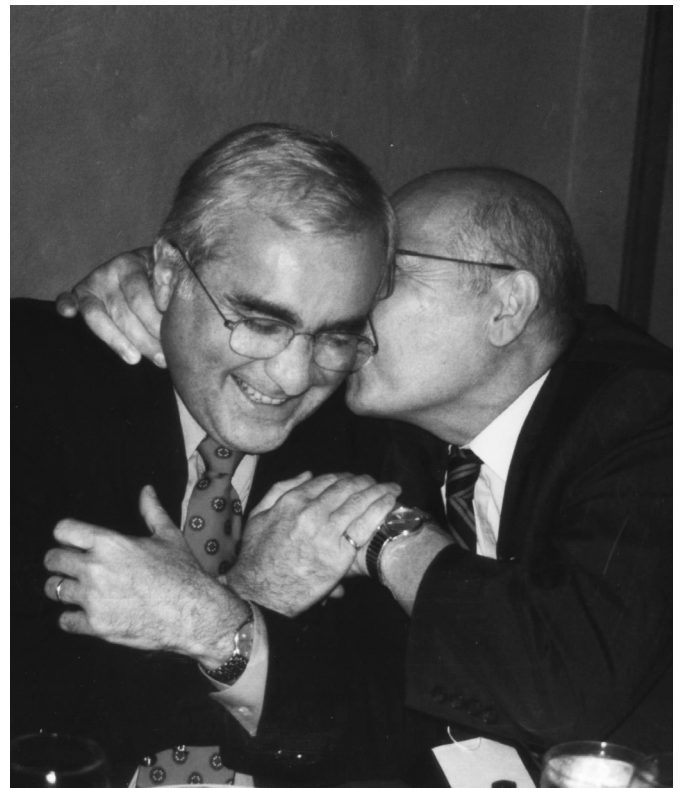
Dr. Basmajian's appeal to the global scientific community world lies in his history as an immigrant, a devout doctor, a curious scientist and a great mentor to many, including Prof. De Luca.

These two men were brought together by their love for science, willingness to share knowledge, ability to communicate complex ideas in simple terms, broad insight, and generosity towards others.

In 1985, Prof. De Luca established a research-focused non-profit foundation, now called the De Luca Foundation, with Dr. John Basmajian as one of its directors.

Today, the De Luca Foundation's ambitious mission reflects both Dr. John Basmajian's and Prof. De Luca's vision for the fields of electromyography and biomechanics: "Invest in the future generation."

**Transcripts** of their speeches, letters, and documents cement the impression that success follows from strong mentor-mentee relationships.





# The Impossible is Now Possible

**Artificial intelligence is helping us solve mysteries in the science of human movement.**

Funding from the De Luca Foundation & NIH has helped Prof. De Luca's protégé **Dr. Paola Contessa** and her colleague **Ms. Bhawna Shiwani** achieve ground-breaking new insights into the human neuromuscular system.



“

I am driven by the need to decode the mechanisms of muscle activation and exploit the untapped potential of detecting and monitoring neuromuscular diseases non-invasively.”

**–Paola Contessa, 2018**

“

I am driven by the emerging potential of AI tools in solving complex problems associated with human movement sciences. Instrumenting AI tools with the critical thinking have enabled me to solve the challenges that have never been addressed before.”

**–Bhawna Shiwani, 2018**





# Killam Prize goes to Walter Herzog

**A recognition that celebrates his ground-breaking research on how muscles contract and how they affect bone and joint health.**

Prof. Herzog's dedication and enthusiasm towards educating the future generation of scientists is widely admired and respected throughout the biomechanics community. As an advisor to the De Luca Foundation and a board member of the Motor Control Group, Prof. Herzog continues to create opportunities for students and young investigators to become strong and independent scientists.



**Prof. Walter Herzog**  
**University of Calgary**  
Canada

Read more about the [Killam Prize](#).

## From former PhD Students:

"Walter Herzog has been one of the single most important mentors in my career. I chose Walter to be my PhD supervisor not only because of his scientific acumen but also because of the person he is. Walter is truly an amazing human. His students will tell you that he is unbelievably supportive and committed to their dreams and aspirations. I wanted to train under Walter as a scientist, and I wanted to grow under him as a person."

–Dr. Matt Jordan, PhD, CSCS

"The supervision of Dr. Herzog during my doctoral stay in the Human Performance Lab in Calgary had a great influence on my approach to Science and on my enthusiasm to pursue an Academic career. Most of it was a direct result of his outstanding example."

–Dr. Heiliane de Brito Fontana, PhD, MSc, Ft



**DE LUCA FOUNDATION**  
[contact@delucafoundation.org](mailto:contact@delucafoundation.org)