



**IBRA** International Bone  
Research Association



# SCIENTIFIC NETWORKING

## **Content**

4 – 5	Mission
6 – 7	History and Organization
8 – 9	Research and Education Committees
10 – 11	Continuing Medical Education
12 – 13	Scholarships and Research
14 - 15	IBRA Training Centers
16 – 17	Membership

- I** – International transdisciplinary cooperation
  - B** – Bone and tissue management for the best benefit of patients
  - R** – Research and continuing medical education
  - A** – Association for scientific networking
- 

### **IBRA – International Bone Research Association**

The International Bone Research Association (IBRA) is an independent non-profit organization particularly for specialized surgeons and research scientists.

IBRA's core activities are medical courses on various levels, multinational symposia, scholarship programs, and research projects focusing particularly on:

- clinical management (traumatology and orthopedic surgery)
- materials research including hardware development
- biomechanics and engineering

IBRA puts its emphasis primarily on:

- Head
- Upper Limbs
- Lower Limbs

#### **Transdisciplinarity:**

IBRA courses are shaped in a transdisciplinary manner, i.e. healthcare professionals of a variety of disciplines mutually reach out for improvements in treatment for the benefit of the patient.

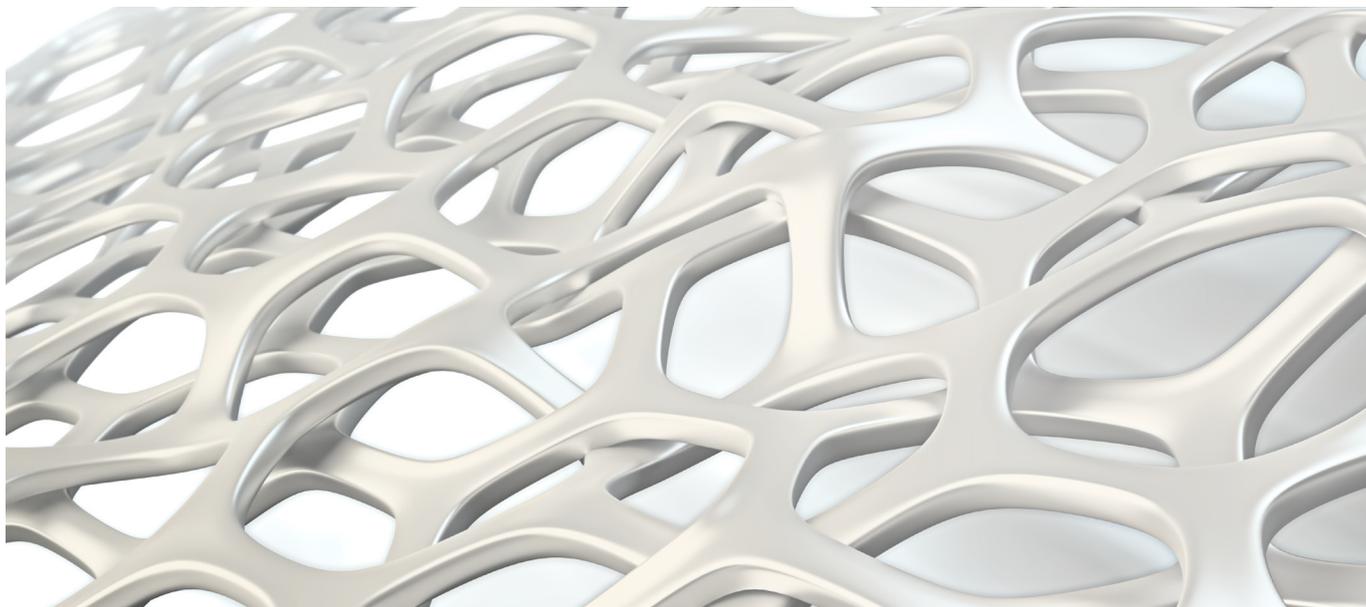
#### **Expert opinions:**

Beside the widely disseminated standards of evidence-based medicine, it is our scientific goal to provide sufficient space for expert opinions.

Many of our faculty and IBRA members shape the research of today and establish improved standards for tomorrow.

#### **Interdisciplinarity:**

IBRA combines high-class surgical expertise with interdisciplinary exchange, i.e. ideas and know-how of engineers, sports scientists, and biomechanics are included in trainings. They infuse background information on complementary knowledge and ongoing developments relevant to surgeons.



## IBRA – an international transdisciplinary network in continuing medical education and research

*IBRA encourages the development of innovative solutions in a friendly, loyal atmosphere. Future-oriented open-mindedness and international acceptance form the basis for first-rate assistance in realising modern research projects and promoting individual careers. IBRA maintains close contacts with respected scientific societies and journals around the world. As an international forum reaching across geographic and cultural borders, IBRA offers an up-to-date network for the exchange of experience and knowledge in applied bone and tissue research.*

## History

On the initiative of eighteen forward-looking clinicians, IBRA was founded in Zurich, Switzerland on September 25, 2004. Its primary objectives are the exchange of professional knowledge, promotion of new scientific developments, engineering of the musculoskeletal system, coordinated (multicenter) research and highly specialized further training are the primary aims of IBRA.

## IBRA General Assembly

## Board of Directors

IBRA



Prof. Dr. Rainer Meffert  
Würzburg, DE  
President



Prim. Dr. Wolfgang Hintringer  
Vienna, AT  
Past-President



Prof. Dr. Dr. Andreas Neff  
Marburg, DE  
Chairman REC Head



OA Dr. Christoph Pezzer  
Vienna, AT  
Chairman REC Upper Limbs



Prof. Dr. Dr. Victor Valderrabano  
Basel, CH  
Chairman REC Lower Limbs



Prof. Dr. Hermann Krimmer  
Ravensburg, DE

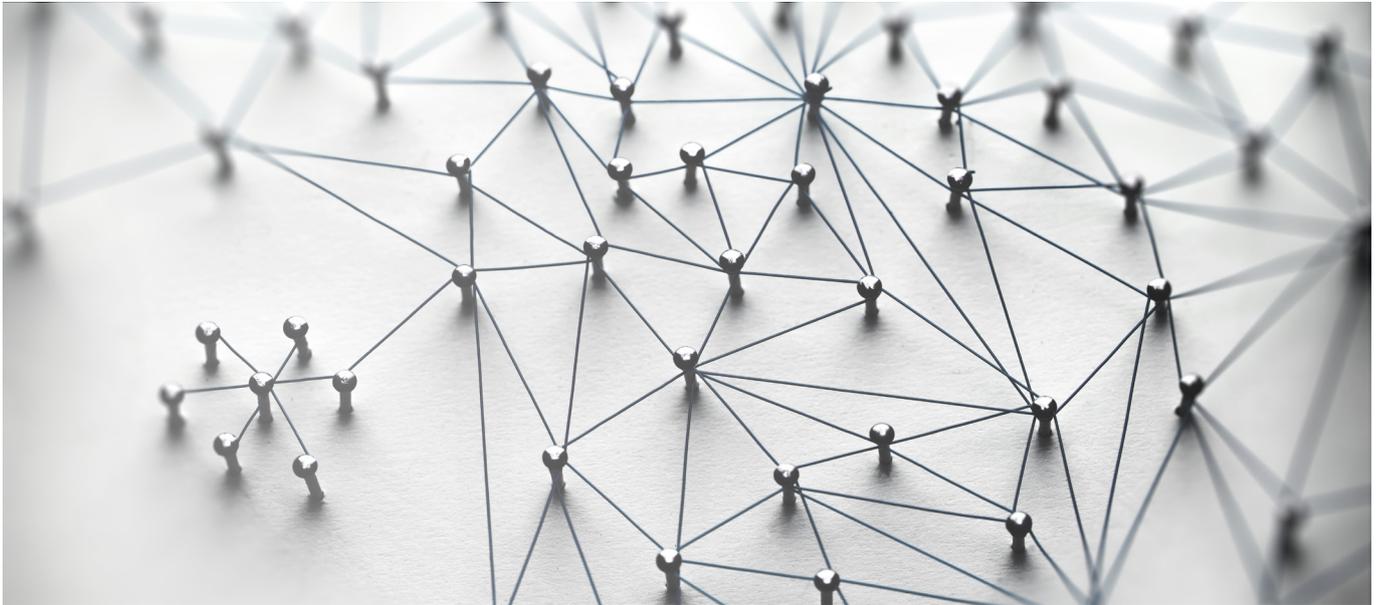


Prof. Dr. Dr. Michael Sauerbier  
Frankfurt/M., DE



Prof. Dr. Dr. Philipp Jürgens + 2 representatives  
Munich, DE of donor organizations

Administration Office  
Event Management



## IBRA – from evidence-based medicine through expert opinions to scientific innovations

*International cooperation is an important asset of our organization. In research and education, views of and approaches to orthopedy and traumatology often differ between the continents. Therefore, bringing together multinational teachers, course participants and researchers opens new perspectives and space for a more holistic understanding.*

*Bone and tissue management for the best benefit of patients is the core of our interest. All health care professionals, from surgeons to physical therapists, nurses, and engineers of new tools and instruments, work across various disciplines in order to further improve the current standards.*

### Research and Education Committees (REC)

The IBRA Research and Education Committees (REC) are platforms supervising quality assurance and excelling professional expertise. They put emphasis on promoting individual academic and professional careers beyond geographic and cultural borders. The three Research and Education Committees focus on the body segments head, upper limbs and lower limbs, and are named accordingly.

#### Core tasks of the IBRA Research and Education Committees are:

- supervising quality standards of the various courses in the continuing medical education (CME)
- evaluating course participants' requirements in order to improve the educational offer
- assessing scholarship applications for IBRA Training Centers and confirming accepted candidates
- assessing and advising potential (multicenter) research studies of IBRA Training Centers

#### The IBRA Research and Education Committees consist of the following members:



#### Head:

- Andreas M. Neff, Marburg, Germany (Chairman)
- Oliver Ploder, Feldkirch, Austria
- Tim Lloyd, London, United Kingdom
- + representatives of donor organizations



#### Upper Limbs:

- Christoph Pezzei, Vienna, Austria (Chairman)
- Lars Peter Müller, Cologne, Germany
- Adam Watts, Wrightington, United Kingdom
- + representatives of donor organizations



#### Lower Limbs:

- Victor Valderrabano, Basel, Switzerland (Chairman)
- Christian Plaass, Hanover, Germany
- Mario Ulises Herrera Perez, Tenerife, Spain
- + representatives of donor organizations



## IBRA – an organization of surgeons for health care professionals

*Research and education are major guarantors of successful professional development and advancement of patients' treatment.*

### *Education*

- *disseminates valuable research results*
- *gives rise to new ideas for research projects*

### Continuing Medical Education

IBRA offers a variety of educational events around the globe, which are headed by a multinational faculty.

Examples include:

- level-oriented medical education courses
- practical surgical workshops
- national and international congresses and symposia
- webinars

Course composition: Resident – Fellow – Master

IBRA offers a variety of course levels for surgeons in different stages of their career.

Furthermore, scholars can apply for

- scholarships at one of our IBRA Training Centers
- research grants



### Resident Courses

#### **Target audience**

Recommended for senior residents and physicians in sub-specialty training

#### **Main specialty**

The course offers the basics in clinical diagnostics, treatment and follow-up. The focus is on state-of-the-art surgical techniques.

#### **Objective**

Learning state-of-the-art interventions



### Fellow Courses

#### **Target audience**

Recommended for fellows, attendings / consultants

#### **Main specialty**

The faculty members first classify the injury or deformity, and then share their preferred approach, treatment, and follow-up of cases with advanced levels of difficulty

#### **Objective**

Handling challenging cases



### Master Courses

#### **Target audience**

Recommended for senior surgeons and department heads

#### **Main specialty**

An interactive seminar and hands-on workshop, addressing trauma and reconstruction with representative cases and discussions. The international faculty presents the latest innovations, and provides an opportunity to exchange experiences with the participating senior surgeons.

#### **Objective**

Re-thinking good practices, promotig improvements



## Best medical and scientific contributors, contact opportunities, and continuing education in related disciplines

*IBRA offers special courses for introducing clinicians to specific treatment methods. The goal of these courses is to provide clinicians with useful information on bone surgery in order to improve their clinical skills.*

*Our website offers the overview of all educational events, IBRA news and up-to-date online materials.*

*If you wish to register for a course, view a recorded webinar again, or apply for a scholarship, please visit our website!*

→ **[www.IBRA.net](http://www.IBRA.net)**

### Scholarship Program

Scholars have the first-hand opportunity to exchange experiences with renowned clinicians in IBRA Training Centers. IBRA's education program provides a platform for scientific exchange. The main goal of the IBRA Scholarship Program is to promote individual career development by providing financial support for clinical training and for research. IBRA Training Centres have been selectively chosen for their ability to provide a broad clinical experience in the treatment of patients whilst promoting exemplary research.

#### → CONGRESS PARTICIPATION

→ 1 – 4 WEEKS

→ 1 – 3 MONTHS

#### **A** : Partial financing of participation in international congresses

This program is strictly limited to junior physicians such as residents in training and PhD students. Strong preference will be given to candidates giving a presentation at the congress or presenting a scientific poster.

#### **B** : Clinical residential visit to a foreign host institution

This program is suitable for clinical training such as learning a new surgical technique, including pre- and postoperative management.

#### **C** : Clinical and scientific residential stay at a foreign host institution

This program combines clinical training with active participation in a research project, or literature review with an opportunity for publication. It is designed for promoting academic careers.



## IBRA – an up-to-date network for the exchange of experience and knowledge in applied bone and tissue research

*IBRA's Education Program provides a platform for scientific exchange between its members. The main goal of the IBRA Scholarship Program is to promote individual career development by providing financial support for clinical training and for research in various IBRA Training Centers.*

## Upper Limbs

-  **Argentina**  
Hospital Italiano, Buenos Aires  
ClimBA, Buenos Aires
-  **Australia**  
John Hunter Hospital, Newcastle  
Dandenong Hospital, Melbourne
-  **Austria**  
Unfallkrankenhaus Wien Lorenz Böhler
-  **Brazil**  
Instituto Nacional de Traumatologia e Ortopedia,  
Rio de Janeiro  
Beneficencia Portuguesa Hospital, São Paulo  
Medical School of University of São Paulo
-  **Chile**  
Santa Maria Clinic, Santiago
-  **Colombia**  
Medellín Health Centers, Medellín
-  **Czech Republic**  
Ustav chirurgie ruky plasticke chirurgie, Vysoke nad Jizerou
-  **Germany**  
Elisabeth Hospital Ravensburg  
Universitätsklinikum Köln  
University of Würzburg  
BG Trauma Center Frankfurt
-  **Italy**  
Policlinico of Modena  
Policlinico GB Rossi, University Hospital Verona  
Galeazzi Hospital - Hand Surgery Unit, Milan
-  **Netherlands**  
Maastricht University Medical Center
-  **South Korea**  
Seoul National University Bundang Hospital  
Korea University Medicine Anam Hospital
-  **Spain**  
Centro Medico Teknon, Barcelona
-  **Switzerland**  
Kantonsspital of St. Gallen
-  **United Kingdom**  
Wrightington Hospital  
Guy's and St Thomas' NHS Foundation Trust, London
-  **USA**  
Badia Hand to Shoulder Center, Miami  
Banner Good Samaritan Medical Center, Phoenix

## Lower Limbs

-  **Brazil**  
Paulista School of Medicine - Federal University  
of São Paulo
-  **Germany**  
Medical School at Diakovere Annastift, Hannover
-  **Spain**  
Hospital Universitario de Canarias, Tenerife
-  **Switzerland**  
Swiss Ortho Center, Basel  
Kantonsspital Winterthur

## Head

-  **Austria**  
Academic Teaching Hospital Feldkirch
-  **Brazil**  
São Paulo State University  
Samaritano Higienópolis Hospital São Paulo
-  **France**  
University of Amiens  
University of Lille
-  **Germany**  
University of Münster  
Universitätsklinikum Giessen & Marburg
-  **Italy**  
Spienza Università di Roma
-  **Switzerland**  
Inselspital Bern University Hospital
-  **United Kingdom**  
Sheffield Teaching Hositals

*For detailed information please visit our website.*



A dense global grid of training centers provides an interesting range of options for scholarship applicants

*The worldwide network of IBRA Training Centers, which specialise in bone research and head and upper / lower limbs surgery, provides scholarship applicants with an interesting range of options.*

### **IBRA Membership**

Members of IBRA have privileged access to materials and courses in topics related to bone and tissue management. They are also offered opportunities for their individual career development.

#### → **THE GATEWAY TO THE IBRA AFFILIATION**

##### **Basic Membership**

On the IBRA entry level, all health professionals in orthopedy and/or traumatology can join by mouse-click through our IBRA website. The new IBRA member gets regular updates on events, access to our database with an increasing number of materials, recorded webinars, and contact options to others members. The IBRA Basic Membership is free of charge.

#### → **BENEFITS FOR REGULAR COURSE PARTICIPANTS**

##### **Full Membership**

Full members have access to courses of various levels at a significantly reduced course fee. For that purpose, only surgeons can enter this membership level. Full members constitute the voting body of the IBRA General Assembly.

#### → **APPRECIATED SCIENTIFIC COMMITMENT**

##### **Premium Membership**

is offered to surgeons who joined at least once our faculty or become IBRA Board Members. It includes all benefits of Basic and Full Membership and is lifetime free of charge.



## Become an IBRA Member!

*IBRA is committed to providing its members with resources and benefits to support their personal development, and to facilitate networking in medical training, education and research.*

*IBRA members shape our organization in various ways. Some of them form the superior decision-making body. Some act as officers in the Board, or in Research and Education Committees. Others are members of the faculty. Yet others participate in educational events and exchange experience with specialists in training centers, or join the research.*

*If you would like to join us, please visit **[www.ibra.net/Membership](http://www.ibra.net/Membership)***



**Dr. Andrew Greenberg, Great Neck, New York, USA**

**Chairperson, IBRA Master Course**

The IBRA has revolutionized orthopaedic education by using pre-fractured cadaveric specimens in their labs. Traditional courses offer the surgeon no challenge or thought in implant application. The IBRA's use of pre-fractured specimens, in addition to preoperative x-rays and CT scans, force the surgeon to think as if he or she were in the operating room. Additionally, post-fixation room-wide discussions create a unique and invaluable learning tool, yielding friendly debates about planning and execution.



**Priscilla Góes Medéa de Mendonça, Brazil**

**IBRA Scholarship at Banner University Medical Center, Phoenix, US**

„I was very impressed by how well research and teaching are integrated into daily clinical life, turning morning conferences into an educational event.

I would like to express my deepest appreciation to the IBRA committee for giving me the opportunity to gain further experience and widen my horizon. This scholarship program has been of great personal benefit to my career.“

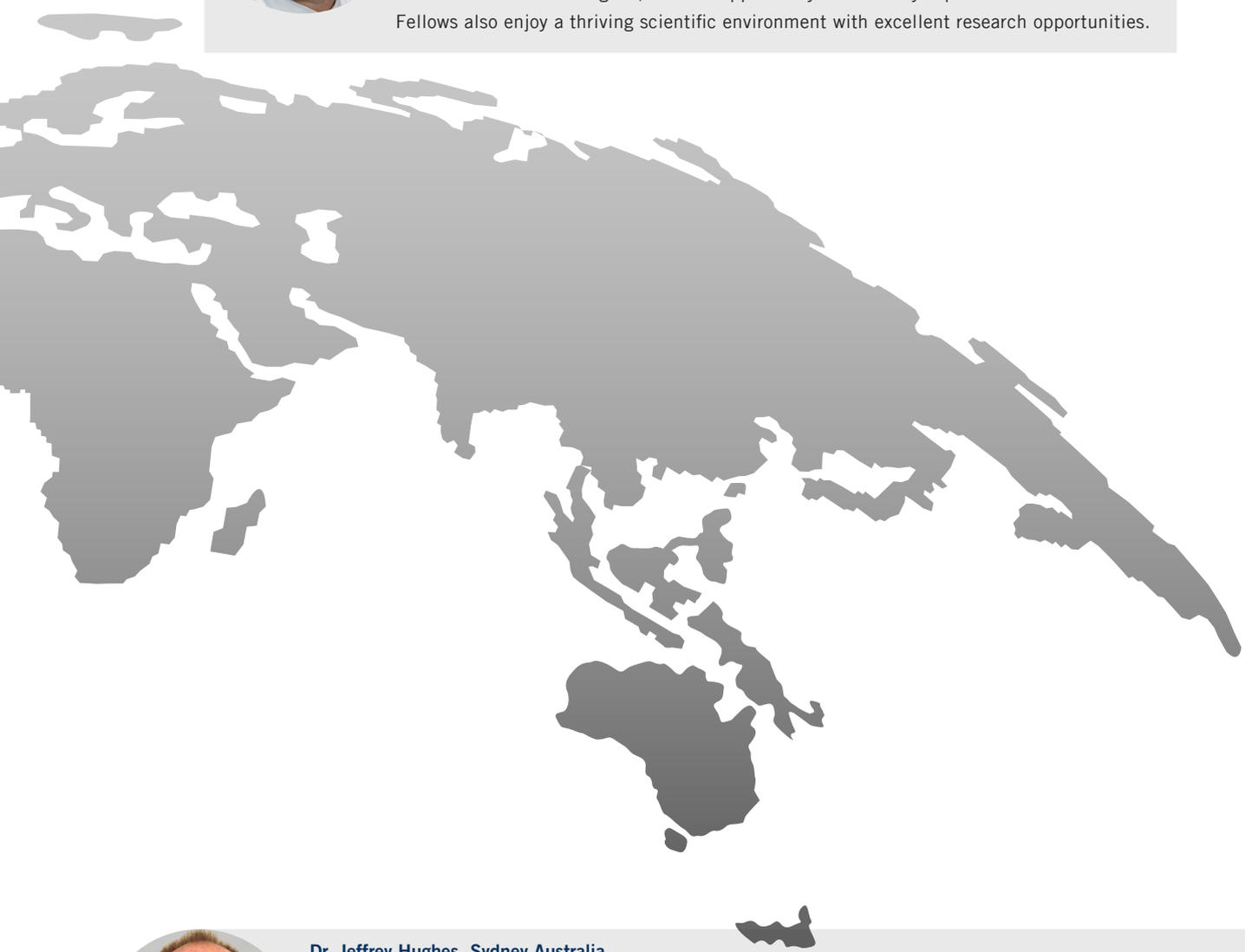


**Prof. Dr. Dr. Victor Valderrabano, Basel, Switzerland**

**IBRA Training Center, Basel**

SWISS ORTHO CENTER is a prestigious Swiss Orthopaedic Institution and IBRA Training Center hosting colleagues for Lower Extremity Orthopaedics and Foot & Ankle Orthopaedics from all over the world. For many years, I have been enjoying the exchange with ambitious colleagues, and the opportunity to share my expertise.

Fellows also enjoy a thriving scientific environment with excellent research opportunities.



**Dr. Jeffrey Hughes, Sydney Australia**

**Participant IBRA Master Course, later faculty member and chairperson**

A number of years ago I was introduced to the concept of the IBRA Cadaver courses with the simulation and reproduction of elbow fractures/dislocations. It seemed a good way to experience and up-skill in their management which can be both varied in nature and difficult, even for skilled surgeons. My first lab as a participant exposed me to nearly 20 different fracture dislocations of various types being managed by skilled elbow surgeons from all around the world - with a "hands-on" approach - each with their own different tips and tricks, which were shared in a collegial way. The learning took place on many levels in terms of planning and surgical exposure. Everyone, no matter how junior or senior, took something with them. I returned a few years later as an instructor, and essentially continued the learning process.

### **Headquarters**

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