



ALUMNI CLUB
MEDIZINISCHE
UNIVERSITÄT WIEN

Einladung
**Going USA – Weiterbildung,
Fellowship & Forschung**

24. Oktober 2018, 17 Uhr

Hörsaalzentrum der MedUni Wien, Hörsaal 2
MedUni Campus AKH, 1090 Wien



Fellowship in the USA: Risks & Benefits

Michael Trauner

Klin. Abt. f. Gastroenterologie und Hepatologie

Univ. Klinik für Innere Medizin III



MEDIZINISCHE
UNIVERSITÄT WIEN



Klinische Abteilung für
Gastroenterologie und Hepatologie
Univ.Klinik für Innere Medizin III

Risk/benefit ratio may vary

- Clinical Fellowship
- Postdoc – lab project (physician scientist)
- Postdoc – clinical / epidemiological project

- Postdoc with or w/o family/partner

- Benefits by far outweigh potential risks
- It may become the most exciting time in your life



Some general thoughts

- There is no substitute for brain (& passion, curiosity, ...)
- Don't overestimate resources/equipement at hosting institution abroad
- Try to plan as much as possible ahead, but accept serendipity (and use it for yourself)
 - Luck that takes the form of finding valuable or pleasant things that are not looked for (Webster)
- Think about life after fellowship (building your own team/lab back home, prepare funding, ...)



Benefits

- Personal experience (menschl. Erfahrung)
- Tabula rasa - reset button
- Strike / pitch a tent (Zelte abbrechen, neu aufbauen, wieder abbrechen, neu aufbauen ...)
- Prove mobility / flexibility, been there - done it
- Networking (your peers will be tomorrow's leaders)
- Change of scene / system (Tapetenwechsel)
- New corporate / academic culture



Benefits ctd.

- And of course: joining a top lab /institution
 - Currently leading the field
 - Future leader in the field
 - Can be outside your immediate area of research
- Breaking new scientific grounds
- Methodological / technical aspects
- Critical intellectual mass & diversity



Risks/Challenges

- Choose your mentor / hosting institution wisely
- Mentor has passed his/her intellectual peak (too famous, travelling too much)
- Group too big, internal group pressure
- Project not clearly defined (details will depend on you anyhow – incorporate your own ideas)
- Situation back home unclear (your home mentor's duty to protect you/your group)
- Maintaining contact with home institution



FEATURE

Nature's guide for mentors

Having a good mentor early in your career can mean the difference between success and failure in any field. **Adrian Lee, Carina Dennis and Philip Campbell** look at what makes a good mentor.



***My mentor back home:
Günter J. Krejs, M.D.
Medical University of Graz,
Austria***

GJK's Secret

- Hire and inspire good people
- Send them abroad
- Get out of their way

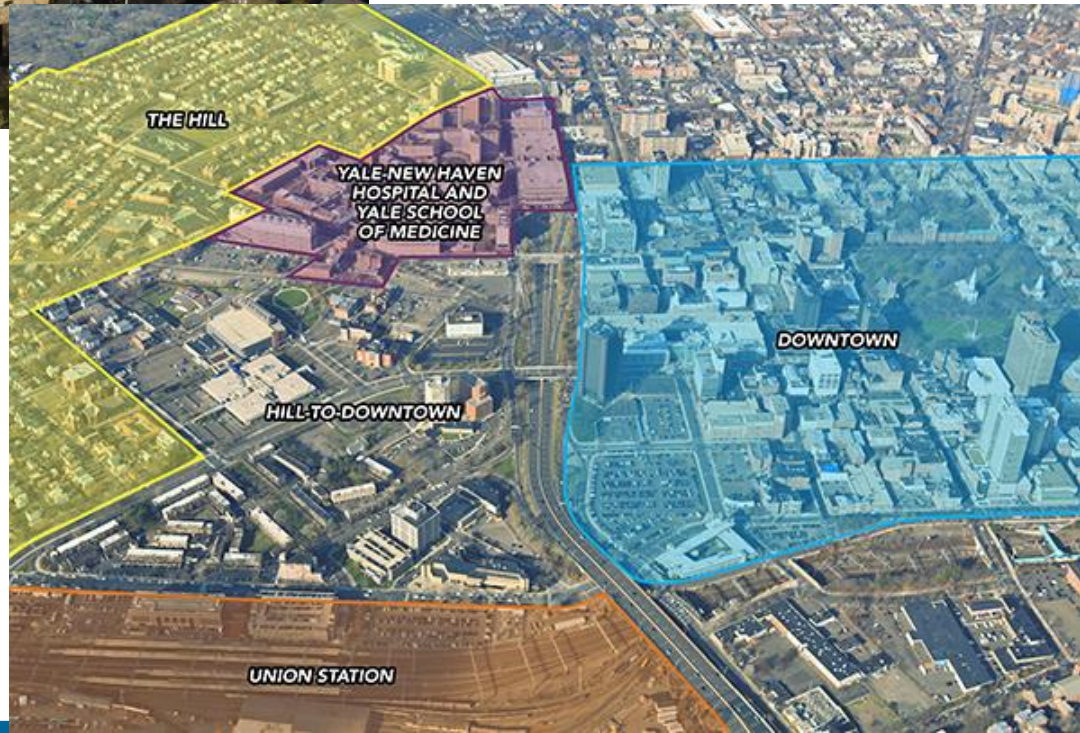
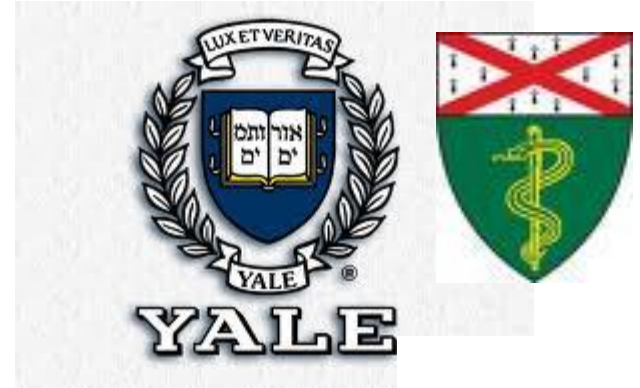
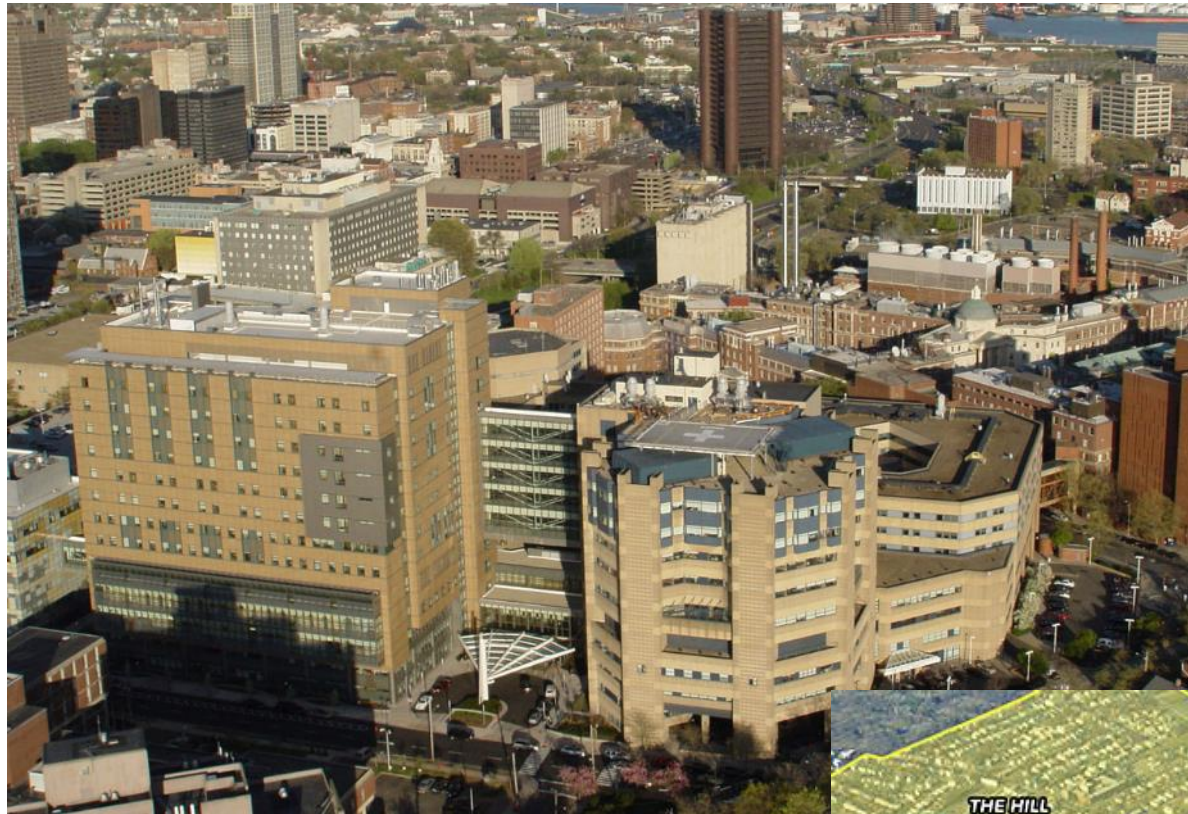


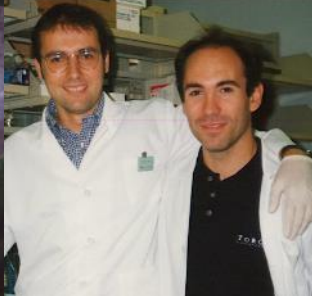


New Haven, CT, USA



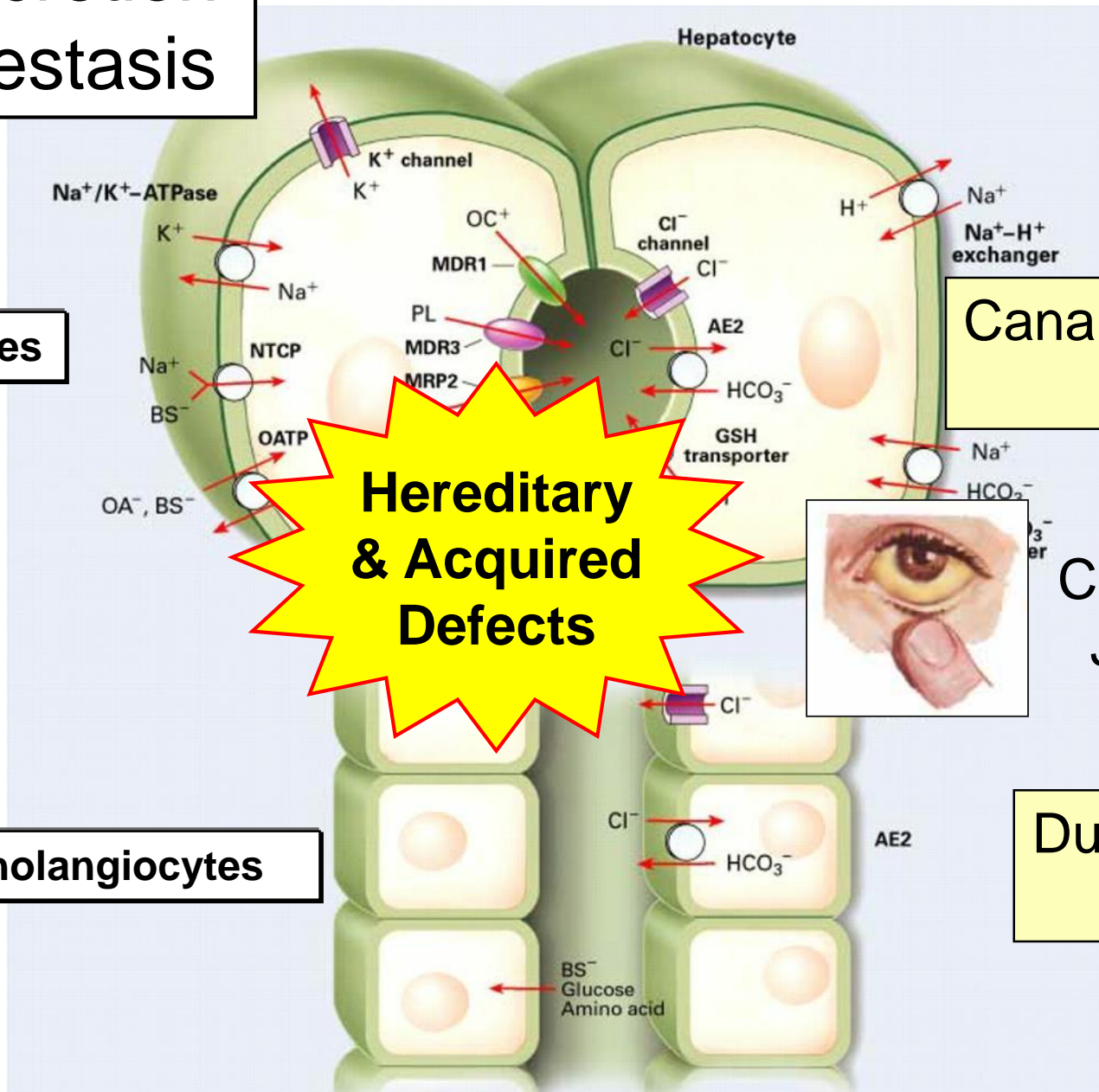




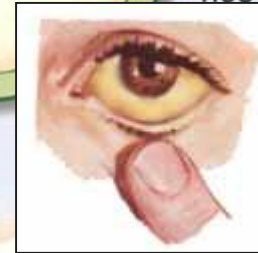


Bile Secretion & Cholestasis

Hepatocytes



Canalicular Bile
70%



Cholestasis
Jaundice

Cholangiocytes

Ductal Bile
30%



Yale

Endotoxin Downregulates Rat Hepatic *ntcp* Gene Expression via Decreased Activity of Critical Transcription Factors

Michael Trauner,^{1§} Marco Arrese,^{*§} Hyejin Lee,^{*} James L. Boyer,^{1§} and Saul J. Karpen^{*§}

^{*}Department of Pediatrics, [‡]Department of Internal Medicine, and the [§]Liver Center, Yale University School of Medicine, New Haven, Connecticut 06520

JCI 1998



Don't be afraid to pick several mentors



Jim Boyer



Michael Nathanson



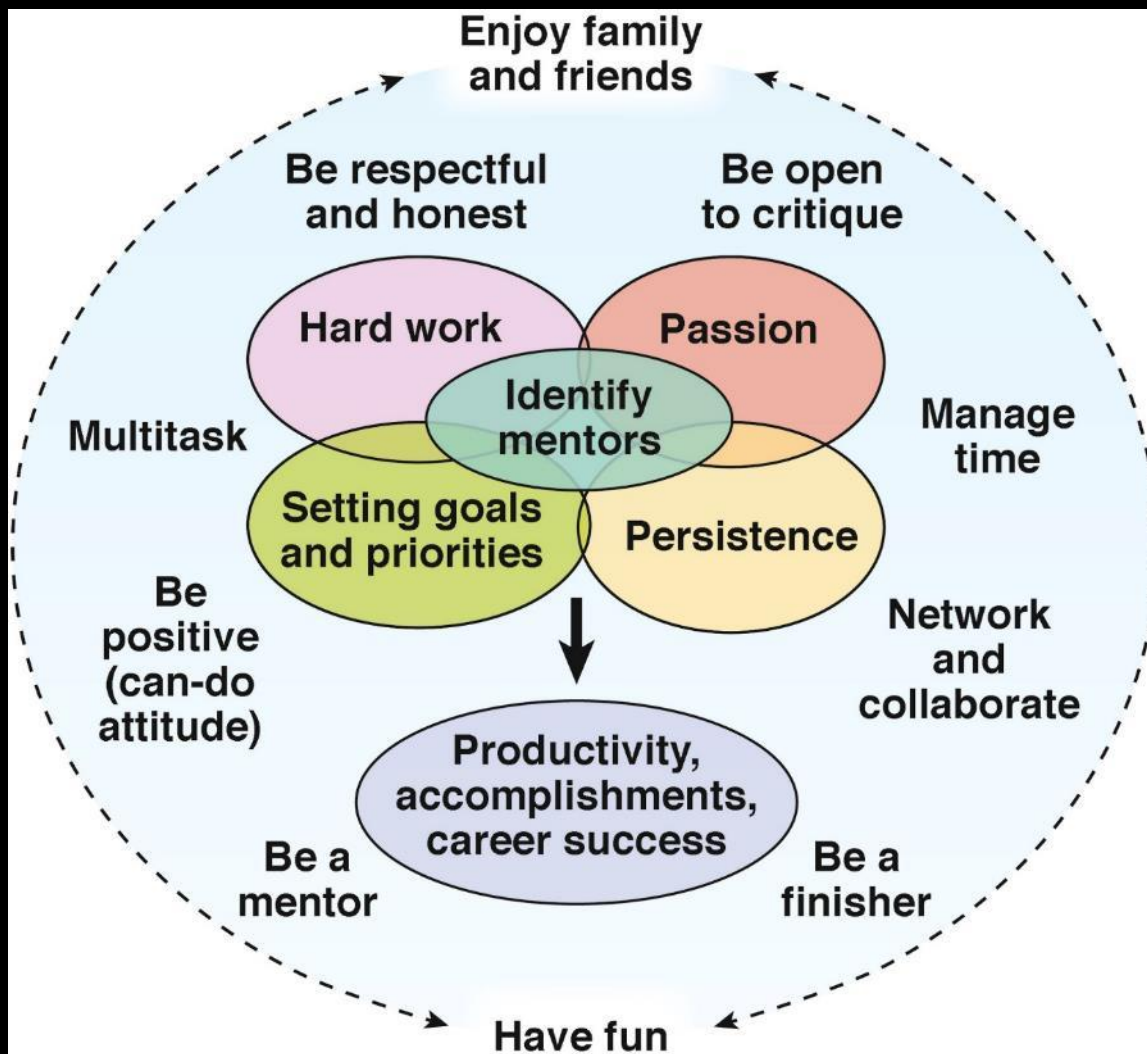
Saul Karpen Jim Boyer

Mentoring: A Necessary But Not Sufficient Ingredient for Enhancing Success



M. Bishr Omary

Department of Molecular and Integrative Physiology, Department of Medicine, University of Michigan and VA Ann Arbor Health Care System, Ann Arbor, Michigan

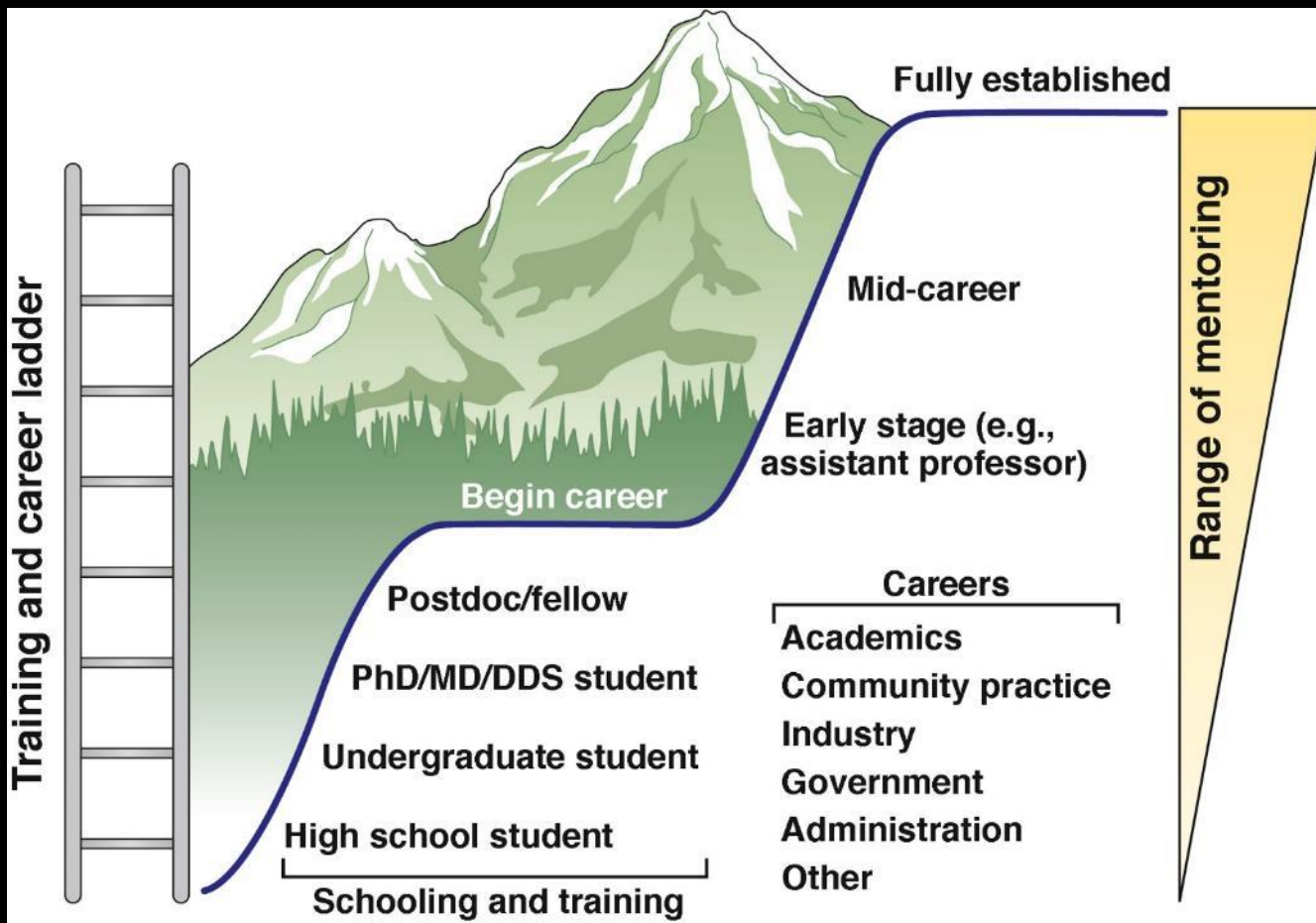




**Promotion, Graz 1991
(Promotor GJK)**

**Antrittsvorlesung, Wien, 2011
(Gratulant GJK)**





”A master in the art of living draws no sharp distinction between his work and his play, his labour and his leisure, He hardly knows which is which. He simply pursues his vision of excellence through whatever he is doing and leaves others to determine whether he is working or playing; to himself he always seems to be doing both.”





**Thank you for
your attention!**

michael.trauner@meduniwien.ac.at