

Dear members, friends and supporters of TUM: Junge Akademie,

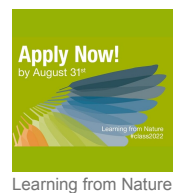
Learning from nature... what an ambitious new call for TUM: Junge Akademie's next scholarship holders. Great discussions in both the board of members and the advisory board have shown the dimensions of this call. How can we benefit from developments that have evolved over several billion years, where are the direct starting points for copying, which analogies can be used, and where do we come up against limits? When applying bionics and biomimicry to artifact- and system-oriented questions, the approach of learning from nature can open up enormous perspectives. We can benefit from nature's "bag of tricks." But when does copying nature need to be particularly questioned, because nature's rules do not fit our paradigms, our understanding of life and societies? And how can we deal with the challenges arising from the anthropogenically induced change of our planet when we understand nature's rules more deeply?

Apart from these upcoming themes, the TUM: Junge Akademie is in great shape. Great taskforces, whom I would like to sincerely thank for their activities and spirit, again a nice unconventional Covid-adapted campus run and inspiring teams and topics in the current projects.

I wish you a great summer, much success in the upcoming exams and for the current projects under development, good progress in the coming months. Stay healthy! I look forward to seeing you all here on campus hopefully soon.

Yours sincerely,
Gerhard Müller

TUMJA News



We are looking for you!

Application process of #class2022 started

TUMJA opens the application process 2022, new scholarship holders welcome! Once again, we invite outstanding students of TUM, AdBK, HFF, and HMTM – nominated by their faculty or recommended by a professor – to apply and join in the exceptional scholarship program of TUM.

Every Year brings a new Call. The one for the Year 2022 reads: "*Learning from Nature*".

We launch virtual information events about TUMJA – #class2022. The next events will take place on:

July 28, 2021 / 7-8 pm

August 16, 2021 / 7-8 pm

If you plan to participate in one of our information events, please register [here](#).

Ways to join

Socio-ecological challenges and transformation in society

Cross Challenge I: Caring Co-Existence

The joint trans-disciplinary project format **Cross-Challenge** between the TUM: Junge Akademie, the Academy of Fine Arts Munich, the University of Television and Film Munich, as well as the University of Music and Performing Arts Munich is consciously geared to an experimental approach. The first Challenge reads: "*Caring Co-Existence*". TUM students are invited to apply between September 1-30, 2021.

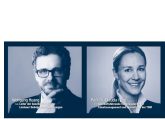
Read more

Talents and ambitions. From university to the Nobel Prize

New video of TUMJA Academy Talk is online!



Co-operation
between 4
universities



Wolfgang Huang and Prof. Dr. Claudia Peus

We hosted the 3rd Academy Talk "Talents and ambitions. From university to the Nobel Prize" on July 13, this time with TUM Vice President Prof. Dr. Claudia Peus and Wolfgang Huang, director of the Lindau Nobel Laureate Meeting e.V. The academy talk was moderated by Katarina Mavroudi and Jeremias Widmann, both TUMJA Class2020 scholarship holders.

[Watch the video on YouTube](#)



Working at TUMJA

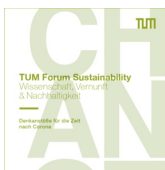
WE ARE HIRING!

Student assistant wanted (2x) 7-12 h/week

We are looking for highly motivated allrounders to supporting our office staff during the challenging and very diverse activities to make the scholarship holder program TUM: Junge Akademie possible!

We are looking for YOU!

[Visit the job profile](#)



In German and English

Science, Reason & Responsibility. Forward Thinking for the Post-Corona Era

English version of the new book by the TUM Emeriti of Excellence

A masterpiece, published by the TUM Senior Excellence Faculty, is now available in English. And the scholarship holders of TUMJA represent the student body: "Opportunities and challenges of digital teaching." (p. 252). Congratulation!

[Read the English book](#)



TUM4Mind

All about your mental health

TUM4Mind: Staying relaxed during the exam phase

Just take a deep breath, switch off and keep a clear head during the exam time! Between Juli 20 and August 5. The TUM4Mind project, piloted by TUMJA, offers you **five different yoga, meditation and mindfulness courses** in German and English. They take place **online** via Zoom and are **free of charge** for TUM students.

[Info and registration](#)



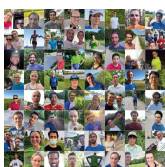
Pixida

Learning from Digitalization and Mobility

TUMJA Industrial Partner Pixida GmbH

Since 2017, our partner PIXIDA regularly invites our scholarship holders to join workshops at their headquarter in Munich. An exciting opportunity to learn from the experts in Digitalization, the Internet of Things, and Mobility! The next workshop is planned for September 2021.

[Our partnership](#)



530 runners from all over the world

#virtualTUMrun

Results of the 3rd virtual TUM campus run

On June 25-26, we successfully launched the #virtualTUMrun 2021. Thanks to all runners and congrats to the winners – and all who participated! Check our campus run website for the

[Results](#)

Alumni presented



Prof. Dr. Viktor
Kölzer

TUMJA Alumnus Prof. Dr. Viktor Kölzer

Medicine, Technology and Exchange: Interview with Viktor Kölzer

Viktor Kölzer is an alumnus of the predecessor program of TUM: Junge Akademie. After completing his specialist training and doctorate at various stations in Germany, the USA, Switzerland, and England, he was appointed to the professorship in Pathology at the University of Zurich (UZH). He is currently a professor at the University of Zurich and a senior physician at the University Hospital Zurich.

[Read more](#)

Project News

News from the Year 2021

CreaThesis

Currently, we are developing our website, and preparing our social media appearance to advertise our project once launched. Additionally, we are creating our own “CreaThesis” to gain experience in supporting participants and to present examples.

Culture

We are currently preparing their campaign on promoting pluralism of opinions, which will go live next month. Based on survey results, the design is finalized and the outcome will be presented at selected summer events in Munich as well as on social media.

Education

We, Team Education, are developing an educational matching platform for TUM students. To reach students for our test run at the beginning of the next winter semester, we are currently getting into contact with TUM's offices.

elecTUM

After being well under way with our data acquisition and calculator development, we are already planning our next steps. Starting with our preliminary survey next month and continuing with the launch of our calculator prototype in fall, we are finally approaching our first results.

Proactivation

We are currently working in four major directions: 1. Creating content of the online course. 2. Developing the website. 3. Drawing a detailed marketing plan. 4. Planning approaches to the video production for the course.

News from the Year 2020

AppCycle

Since the last week, we have been busy adjusting our research report. At the same time, we are excited about receiving access to our server, which means we can upload the real data soon and launch finally the Android version of the app!"

Clarify

We have recently visited the ASZ Sendling and ASZ Moosach where we were able to show our VR tour to about 20 new participants, mostly in the age group 70+. Now, we are finalizing our research report, re-running our analyses with the larger sample size, and preparing for the Symposium!

Exfluenced

After two months, we have concluded our study! We are grateful for every single participant. Now, we are evaluating the results to measure how helpful our program truly is.

Exhibition Fish

In recent weeks, more and more results are emerging, marking the way towards the opening towards the grand finale in the autumn of 2021. We are working on our largest dialogue project HUMAN ALGORITHM, which will premiere online in September and physically at our symposium.

Lacktivity

Currently, team Lacktivity is working at full speed in small sub-teams on the individual submissions for the Research Report. In the next weeks, we also want to outline our concept for the symposium.

T°UMwelt (former: EnterTrainment)

We deal with modern mobility behavior and in particular how apps can have a positive effect on ecological decisions. By taking 5 minutes of your time and filling out our survey, you will bring our team and our research a big step forward. [Link to the survey](#)

More about the projects

News from the Taskforces

Event

Due to the recovered possibility to meet in groups, TF Event is currently planning in-person events for this summer: Running Picnic, Museum Tour, or Hiking are just examples. We are looking forward to meeting you all!

International

We have recently organized the online Mini Summer School with Prof. Dr. Ulrike Protzer during the TUM Global Week. Over the following weeks, the members of Year 2021 will start to manage the taskforce. We are focused on facilitating the change, including the assignment of new roles and voting for the new TF heads.

Members

Now that the new call is in place for the new year, we are preparing the information events. Potential applicants have already been nominated for the TUMJA. We are looking forward to receiving numerous applications and new scholarship holders.

Mentoring

In May 2021, the second round of the TUMJA mentoring with 13 teams of scholars and alumni successfully finished the program, and the third round with now 19 tandems started.

More about the taskforces

Save the Date @TUMJA

July 28 & August 16, 2021: [Virtual Information Event for Applicants.](#)

Juli 20 - August 5, 2021: [TUM4Mind: Staying relaxed during the exam phase.](#)

August 31, 2021: [Application deadline for the year 2022](#)

September 1-30, 2021: [Application for the Cross Challenge I: Caring Co-Existence](#)

October 30, 2021: [Symposium for the Class 2021](#)

Save the Date @partners

[Mentors for high-school students at StudyDuo - Apply now!](#)

July 30, 2021 (Application deadline): TUMJA-scholars and alumni are invited to volunteer as mentors for high-school students at StudyDuo – a project by three TUM students to offer guidance on the journey from school to further studies. For more information, visit the [StudyDuo website](#) or contact TUMJA-alumnus [Jonas Papazoglou-Hennig](#).

[acatech am Dienstag: Kultur & Technik – Anmerkungen zur elektronischen Musik](#)

July 20, 7.30-9 PM, online via Zoom, free entry, register by July 19! [read more](#)

[acatech Stakeholder-Dialog: Corona – Bremser oder Beschleuniger für eine neue ländliche Mobilität?](#)

July 28, 6.30-8 PM, online. [read more](#)

Akademie für Politische Bildung Tutzing

TUMJA invites its members to this year's "Tutzinger Sommerakademie" of the Akademie der politischen Bildung Tutzing. The Sommerakademie II, **August 9-12, 2021**, focusses on technology with topics to hear about, discuss and reflect. [Download the program \[pdf\]](#) If you want to join an event, let us know.



TUMJA

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