

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

Last year, TUM: Junge Akademie again was active and successful. It had to show new dimensions of creativity and resilience in spite of the challenges coming from the terrible pandemic that has penetrated the core of our daily life. We all were surprised by how our students - despite severe restrictions - managed to work together. They certainly obtained skills and competencies for efficient communication with an optimized carbon footprint that they will continue to use in the future. But – even more important – they also entered new dimensions of appreciation and empathic awareness of the value of human interaction driven by good-humored people, by friends or team-members in lively atmospheres.

We now are curious about how our 41 new members will grasp the challenging topic “Disruption & Reconstruction – Opportunities for Global Collaboration”. The five groups already have arranged themselves around the five headlines climate, culture, education, health and science and currently exchange promising ideas to transfer the topics into tangible results. I am sure that the experiences we have gained in these very special times will also open new perspectives and shed light on new options for reconstruction. Therefore, the intercultural and interdisciplinary atmosphere at our university serves as an excellent breeding ground.

At TUM we already have started to work on new options of global education in the EuroteQ initiative with formats of project-based learning and of monitoring the process of interdisciplinary and even intergenerational co-creation. You can clearly see: this project was very much inspired by experiences obtained in the TUM: Junge Akademie over more than one decade.

Let's see how things scale and please cross your fingers for both - for our new teams as well as for our ambitious European initiatives.

Dear students, tutors and supervisors. Thank you for a great 2020 and for managing value creation and education in spite of heavily reduced possibilities and let's continue on a hopefully quick way back to normality. It will be a feast when we can come together again here on our campus!

With my best wishes for health, success and happiness in 2021 to you and your friends and your families. Stay healthy!

Sincerely yours,  
Gerhard Müller

## Alumni presented



Andrea Geipel  
(Photo: Deutsches  
Museum)

David Noachtar and Elena Tangocci interviewing

### When Information Technology Meets Cultural Studies: Interview with Andrea Geipel

Andrea Geipel is an alumna of the first year of TUM: Junge Akademie in 2010/2011. After studying sport science at TUM, she began her doctoral project and is now a research assistant in the project museum4punkt0 at Deutsches Museum.

[Read more](#)

## TUMJA News



Find your passion and visit TdI!

### TdI: Tag der studentischen Initiativen 2021 – online

From Garching straight to your living room: This time the TdI is taking place entirely online! Get to know more about the innovative projects of the initiatives in exciting, interactive online sessions and find your passion!

January 18, 2021, 2  
p.m. - 5 p.m. online

[Read more](#)

Call for the Year 2021 "Disruption & Reconstruction"

## Supervisors and Tutors of the Year 2021

New supervisors and tutors will accompany the call for the Year 2021 "Disruption & Reconstruction – Opportunities for global collaboration" for the next twenty months.

[Read more](#)



Disruption and Reconstruction

The first seminar of 2021

## Future Lab: Weekend-Seminar on January 30-31, 2021

Facing the last months of their scholarship, the teams of the Year 2020 will train their journalistic and scientific writing skills. The scholarship holders of Class 2021 will focus on their project management skills in their first "Future Lab."

[Read more](#)



"Future Lab"

Until the end of October 2021

## Scholarship running time 2020 extended

The 2020 student research teams will continue their work until the end of October 2021. By this, the teams can complete their research, especially if it is hindered by the current restrictions.

[Read more](#)



Research extended

Passion for Science

## Research Report 2019 has been published!

The book contains the research results of the teams of Year 2019. The research books are available in our office, or you can download the digital version directly online.

[Get the online version](#)



Research Reports 2019

Find new courses in 2021

## #TUM4MIND into 2021 - reloaded

TUM is organizing the "TUM4Mind", inspired by TUMJA, which organized the #TUM4MIND action week for the first time in 2018. At TUM4Mind it is all about your mental health. There are several upcoming weekly courses during the winter semester 2020/21, which will take place via Zoom. You are welcome to participate in the courses.

[Read more](#)



TUM4MIND

Using Virtual Reality technology to discover Munich

## Team Clarify delivered first pair of VR-glasses!

Team Clarify has delivered one pair of VR-glasses to TUMJA-member Jonas Unterholzner, who will now show our Virtual Reality Tour around Munich to his grandparents. If you also have a family member of at least 60 years of age you would like to show the tour, please contact us anytime ([clarify@ja.tum.de](mailto:clarify@ja.tum.de)) or register [here](#).



Virtual Reality Tour for seniors

[Read more](#)

BreakMore

## QUINTESSENCE wins TUM Future Learning Initiative

BreakMore is based on the project work of the team QUINTESSENCE and 20 months of research and experiments conducted here as part of TUM: Junge Akademie. On this year's Dies Academicus, senior vice president Prof. Dr.-ing. Gerhard Müller announced the winners. The TUM family chose BreakMore as one of three winning teams.

[Read more](#)



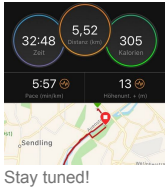
QUINTESSENCE of  
Year 2019

#virtualTUMrun

## Results of the 2nd virtual TUM campus run

In 2020, we organized the #virtualTUMrun twice successfully. Thanks to all runners of the virtual TUMruns 2020 and congrats to the winners – and all who participated!

[Results](#)



## Project News

### News from the Year 2021

#### Climate

The climate change and the current pandemic are without doubt the biggest challenges for humankind now. Especially the Corona crisis has disrupted our lifestyle and the climate change will also require adaptations in our way of living. In the context of disruption & reconstruction, we will investigate the energy efficiency of online lectures (disruption) in comparison to the presence format before the pandemic. We aspire to provide the TUM with a guideline with regards to the sustainability of online lectures as a chance to learn from this crisis and make the TUM more climate-friendly (reconstruction).

#### Culture

After meeting our tutors and supervisor, we are immersed in an exciting research phase about models and causes of polarization, not limited to the political arena, and how to mitigate it. We are now focused on our research question "How to foster out-group communication?"

#### Education

Our main idea is to create a platform aimed at connecting people with mutual study interests and needs, in order to encourage self-regulated learning and peer-to-peer support.

#### Health

We are a group of students with the goal of improving the health of students. In our project, we are investigating the relationship between procrastination and mental health. We want to find an effective way to fight procrastination and believe that modern technologies can make a big contribution here. In early January, we released a first pilot study to better understand the impact of procrastination on students. You are all welcome to participate [here](#).

#### Science

We want to foster the science communication between the TUM-faculties by presenting scientific results of students' bachelor/ master/ PhD theses. To make their results more accessible for TUM members with different scientific backgrounds, we want the students to process them in an artistic manner. Eventually, we wish to awake with the means of art scientific curiosity and interest among the audience.

### News from the Year 2021

#### AppCycle

We are excited to announce that our scientific survey, along with the Android version of our app, is currently at the closing phase and almost ready to be published. Our cooperation with Umweltreferat has helped us achieve publicity.

### Clarify

We are currently distributing VR Glasses to people from the whole TUM: Junge Akademie community who want to participate in our project. Therefore, we are expecting the first results to come and to start with the data evaluation soon.

### Exfluenced

The last few months have been exciting for us: we interviewed experts, started a partnership with the start-up "not less but better" and are about to launch our social media program! On top of that, we were able to reach 800 followers on Instagram.

### Exhibition Fish

We started the collaboration with the Munich jazz singer and composer Kilian Sladek. In the next month he will accompany us in several workshops & develop a conceptual jazz work based on our scientific findings. We are incredibly excited!

### Lacktivity

New year, new me. New Year's resolutions that everyone has probably made at some point. So why not put them into practice? In the year 2021, team Lacktivity is once again focusing on physical activity. Especially in times of the pandemic and renewed lockdowns, it is also important to stay active when working from the home office. Due to the shift of people working in their homes, we are currently developing a new survey. This survey will include a hypothetical query of our scenarios that we wanted to test on-site. After all, even if a temporary lockdown keeps us from taking the stairs at the office, no one can stop our motivation to promote exercise in our daily lives. #stayhealthy and #stayactive

More about the projects

## News from the Taskforces

### CAP

We are currently organizing the third Science Hack which will take place in April 2021. Recently, we are contacting companies from diverse branches of industry. The application process will start in February, so don't forget to register!

### Event

After organizing a Secret Santa event and the TUMJA Christmas Party @ home we are now looking forward to meeting you again in the new year for more of our exciting events! We are also happy to have some scholars from Class 2021 joining our TF soon!

### International Cooperation

Recently we applied to be a part of the MIT European Career Fair which will be held digitally in February. Next to the summer schools we plan to potentially include field trips in our program – if it's compatible with the pandemic situation.

### Marketing

Our task force is promoting events like the "Tag der Initiativen" on January 18. Additionally, we are currently working on hoodies for the new class of scholarship holders and have conducted an interesting interview with our alumna Andrea Geipel.

### Mentoring

The TUMJA TF mentoring is to be extended to the entire Class 2021 in order to provide the new scholarship holders with a personal mentor during the period of social distancing. We are now looking for volunteer mentors for the 41 students who, as TUMJA alumni, would like to build bridges and be active as sparring partners in matters of life planning for the benefit of the "newbies". The kick-off will take place in April. If you are interested, please send an email to [mentoring@ja.tum.de](mailto:mentoring@ja.tum.de) with the subject "TUMJA Mentor Class 2021".

### Symposium

Our taskforce is working hard to organize this Year's Symposium in the best way possible despite the ongoing Corona pandemic. True to this Year's Call, our goal is to show the beauty of Art as the main way to communicate Technology.

More about the taskforces

# Save the Date @TUMJA

**January 18, 2021:** [Tdl: Tag der studentischen Initiativen 2021](#)

**January 30/31, 2021:** [Future Lab: Weekend-Seminar](#)



TUMJA Newsletter

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Technische Universität München

Arcisstraße 21

80333 München

[jungeakademie\(at\)zv.tum.de](mailto:jungeakademie(at)zv.tum.de)

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