

SOCIETY FOR AGEQUAKE STUDENT DESIGNERS

Fellowship Retrospective 2020



International Council for Caring Communities

Better living... Adding life to years



**SHAPING
OUR
FUTURE
TOGETHER**

Professor Dianne Davis, Founding President, International Council for Caring Communities.

An international public speaker and consultant, Professor Davis specializes in integrated products and services for the hospitality, healthcare and educational industries. Currently her work focuses on the impact of the “longevity factor” on society: mainstreaming ageing issues especially within the areas of the built environment, health and information and communications technologies (ICT). She has developed unique “Cross-Sectoral” Dialogues for local authorities and international decision-makers held at the United Nations, Windsor Castle, UK and other international venues.

The International Council for Caring Communities, ICCC, was founded in 1993 to stimulate and identify creative strategies and innovative solutions to address global longevity challenges and opportunities. Through educational programs, conferences, technical support, international student architectural competitions and Windsor Consultations. The book, ***“Hospitable Design for Healthcare and Senior Communities,”*** written with Dr. Albert Bush-Brown, initiated the “Better living...Adding Life to Years” programs which stimulates and promotes a ***“Society for All Generations.”*** ICCC is a not-for-profit organization that has Special Consultative Status with the Economic and Social Council (ECOSOC) of the United Nations. ICCC is mainstreaming the impact of the new digital era on the 21st century growing ***“AgeQuake.”***

Professor Dianne Davis, since 1966 cited in “Who’s Who of American Women,” continues to be an industry catalyst, change agent, and futurist, her goal is to develop “cross-over” ventures and stimulate traditional “sleeping” organizations to move into the forefront of performance and impact.

In Memory of H.E. Julia Tavares Alvarez

Co-chair United Nations Consultative Group for 2nd World Assembly on Ageing 2002
Deputy Ambassador, Permanent Mission of the Dominican Republic to the United Nations

“This is the age of aging. But it’s only the dawn of that age. We need a new awareness that ability, not chronology, is the measure of how much people can contribute to society.”

The International Student Design Competition

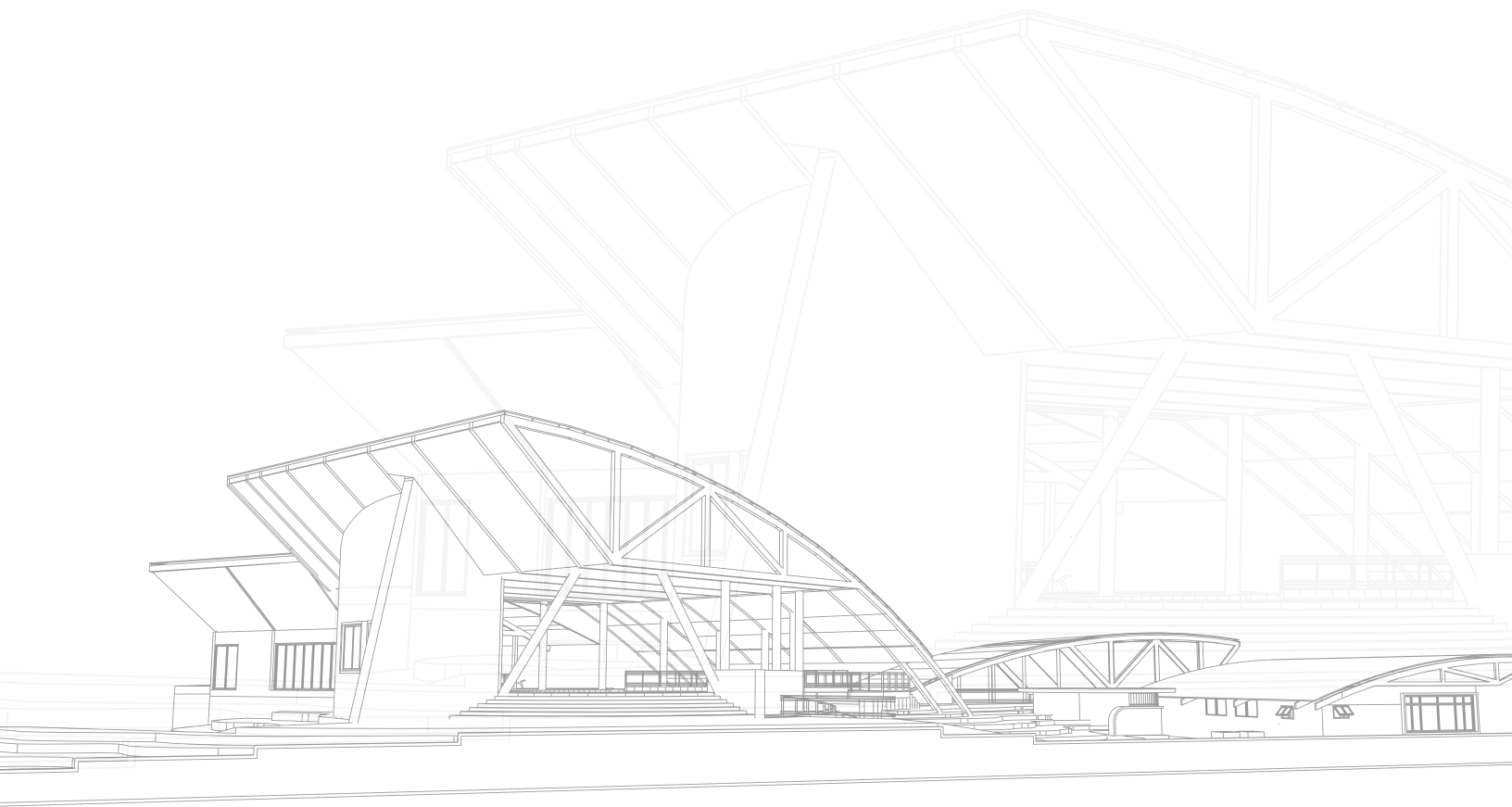
Integrated Communities: A Society for All Ages

The ***Integrated Communities: A Society for all Ages*** student design competition was established in 1994 to enhance understanding of the Age of Longevity and to showcase innovative design solutions. This program is the centerpiece of the International Council for Caring Communities (ICCC). The Competition invites architecture and ICT (information communication technologies) students around the world to develop solutions to integrate older persons into the fabric of the community and to include them in all social, cultural, and productive activities.

It was organized in conjunction with the United Nations Human Settlements Programme (UN-HABITAT), United Nations Programme on Ageing, Department of Economic and Social Affairs, the private sector, and endorsed by the Association of Collegiate Schools of Architecture. The Competitions challenge the next generation of designers to proactively plan for a society of diverse ages, with increasing proportions of older persons.

Since 1994 over 6,000 students from schools of architecture and design in 50 countries have participated in ***ICCC's Integrated Communities: A Society for all Ages*** competitions. The unique characteristic of this competition is the jury, which includes internationally renowned architects, gerontologists, and United Nations officials.

ICCC is grateful for the dedication and talents of all who've contributed to the success of the Student Competition. It has fostered dialogue within the academic community and enabled the development of practical solutions for complex issues. Most important, the Competition has cultivated an awareness to strike a balance between transferability and adaptability.



Society for AgeQuake Student Designers

Giving Back to Communities

The Society for **AgeQuake** Student Designers was established in 2014 to encourage ICCC Competition winners to apply their expertise to meet the challenges of demographic changes. The Society has enabled governments, NGOs, and the private sector to benefit from the talents of student fellows, who have proposed innovative solutions to improve the quality of life within their communities.

Fellows were provided a three-month internship with authorities within their home country that would align with their professional interests. They were provided online support from other fellows, professionals, and past ICCC Design Competition winners, in addition to a \$5,000 internship stipend.

Fellows presented summary reports to sponsors at the close of their internships. Their research and recommendations were published in their local language and English to benefit a global network.

Distinguished Mentors – comprised of architects and past competition participants – provided advice and guidance to enable the fellows to achieve their goals. Mentors' expertise in the latest trends in today's environment, combined with their leadership and management skills, has benefited the careers of the fellows and enhanced the impact of their work.

Benefits for Sponsors

Sponsors are the first to access new ideas impacting global trends in development. Sponsorship of innovative young professionals promotes the exchange and development of new thinking across countries and disciplines. The benefits of sponsoring a Fellowship include:

- Unique marketing opportunities and international exposure;
- Access to research and proposals before publication;
- Participation in the global effort to improve community development;
- Opportunity to employ outstanding professionals.

The Society for **AgeQuake** Student Designers has built on the success of ICCC's Student Design Competitions by facilitating creative solutions to global challenges through practical applications. Sponsors have access to a wide network of exclusive professional contacts, while promoting the synergy of student/mentor talent.

This Retrospective illustrates the journey from Competition Winner to Professional Leader.

The 2014 – 2016 winners of **The International Student Design Competition: Integrated Communities: A Society for All Ages** were offered a fellowship to explore their impact as unique architects (with architectural and ageing training background) in their project countries.

The goal was to stimulate these innovators to devise solutions that would enhance the quality of life for the growing older populations in their communities.

How did the fellowship idea begin?

The ICCC Advisory Board felt that after awarding students their winning funds, we could build upon their creative talents to focus on enhancing the lives of older persons.

Thus, the fellowship program was born! Its mission is to foster leadership by directing the students to develop solutions to integrate older persons into the fabric of communities and fully include them in all social, cultural and productive activities.

ICCC established the **Society for AgeQuake Student Designers** in 2015 and gave all winners the opportunity to accept a Leadership Fellowship. We are honored to present 12 global fellows who have given back to their countries as they now “spread their wings” as professionals.

In 2019 there were **703 million persons aged 65 years or over** in the global population. This number is projected to **double to 1.5 billion in 2050**. Globally, the share of the population aged 65 years or over increased from 6 per cent in 1990 to **9 per cent in 2019**.

Thus, advancing global awareness of a Sleeping Giant... the “**AgeQuake**.”

Acknowledgements:

Special thanks to **Dr. Cecilia Martinez Leal** and **Professor Gisela Loehlein**, Fellowship Directors and Mentors.

Thanks to **Mike Cash** for his dedication in locating the winners and compiling their contributions.

Thanks to **Laura Gong**, ICCC UN Intern and Researcher, The Wharton School, University of Pennsylvania.

Special thanks to **Richard Jordan**, ICCC United Nations NGO Representative, for his expertise and coordination of Competition entries and exhibitions around the world.

Thanks to **Carol Kerler** for editing the many documents into a single “voice.”

Thanks to **Sophia G. Zhao** for the cover design and typesetting.

Thanks to **Christine Gong**, past chair, ICCC Fellowship, and welcome to co-chairs **John** and **Mimi Gong**.

Society for AgeQuake Student Designers Retrospective 2020

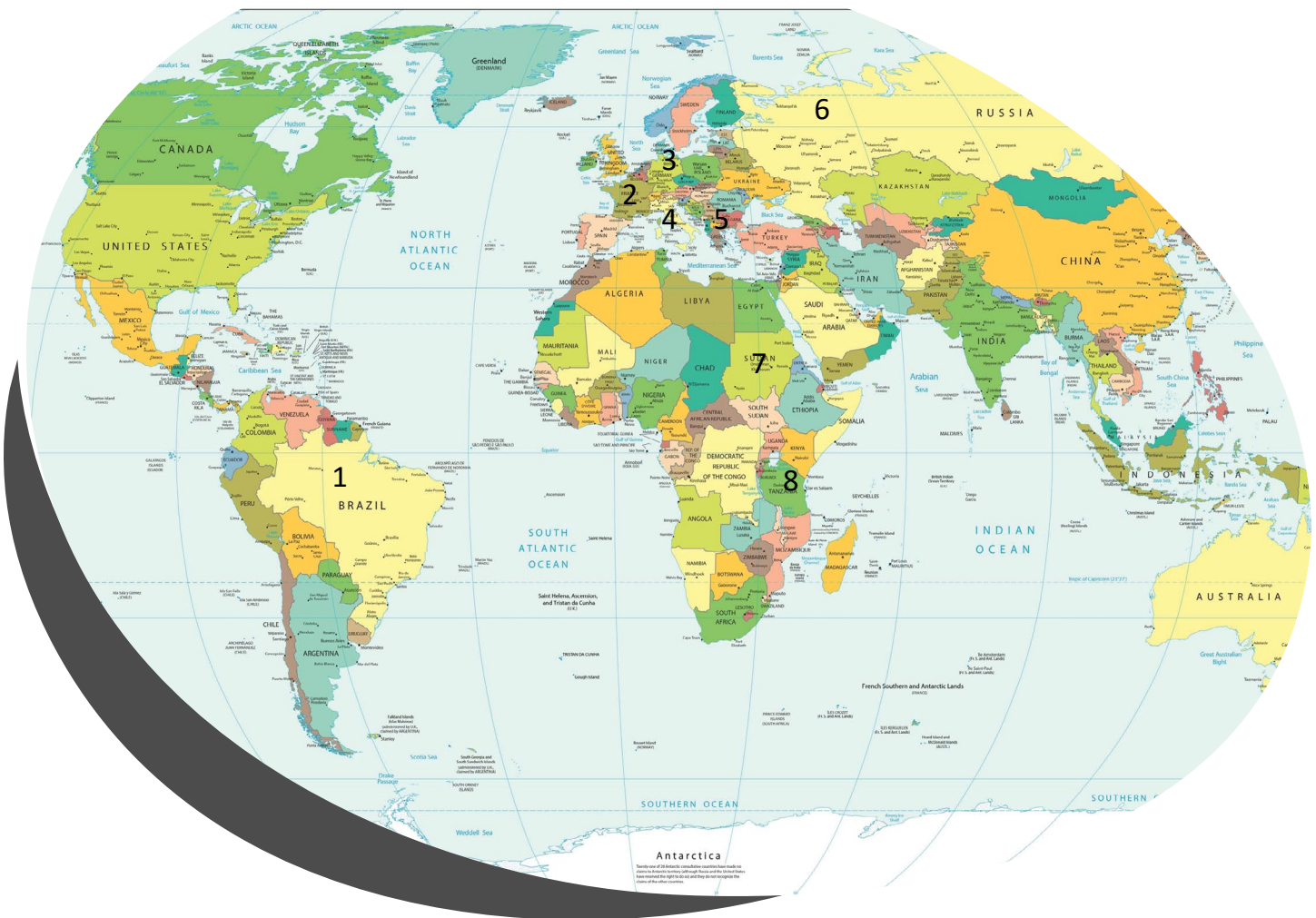
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Society for AgeQuake Student Designers

Project City & Country



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 2. **Metz, France**
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Ms. Korinna Zinovia Weber
 4. **Rome, Italy**
Mr. Max Tirassa
 5. **Gjakova, Kosovo**
Ms. Dafina Shllaku
Ms. Laura Shllaku
 6. **Krasnoyarsk, Russia**
Ms. Grigoreva Anastasiya
 7. **Khartoum, Sudan**
Mr. Ahmed A. Shannan
 8. **Dar es Salaam, United Republic of Tanzania**
Mr. Nabil Abdallah
Ms. Esther Mbibo
- **Dodoma, United Republic of Tanzania**
Ms. Gloria Thomas Mtei
 - **Kilimanjaro, United Republic of Tanzania**
Ms. Nancy A. Arbogast

Mr. Nabil Abdallah

Project City and Country: Dar es Salaam, United Republic of Tanzania, East Africa

Project Title: **Low Cost Housing of waste paper materials printed in 3D**

Working fellowship dates: May 2018 to April 2019

Working organization: Currently 2nd Year M. Arch: Ardhi University, Dar es Salaam, Tanzania

Mentor: Dr. Shubira L. Kalugira

Department of Architecture - Ardhi University, Dar es Salaam - Tanzania

Background of Mentor:

Shubira L. Kalugira (PhD) is a senior Lecturer in the Department of Architecture at Ardhi University (ARU) - Dar es Salaam - Tanzania. She obtained her Bachelors in Architecture in 2002 from University of Dar es Salaam (by then UCLAS - A Constituent Collage of University of Dar es Salaam) and her Masters from Oslo School of Architecture in 2005 and PhD from Bauhaus University-Weimar-Germany in 2014. Her research on challenges of formal and informal urbanization has focused on Informal Settlements.

She worked at ARU as a tutorial assistant from 2003-2005, as an assistant lecturer from 2005-2014, and as a Lecturer from 2014 to-date (2016). She has been guiding Architecture design studios -- including urban design -- under different themes such as Urban Infill and Waterfront Development Eco-tourism. She has lectured on Architectural-related theoretical subjects, including research methods. She has been involved in undergraduate research coordination, supervising dissertations, assessing Masters Design projects, and mentoring students. She is also consulting through the Architecture Department Consultancy Unit at Ardhi University, which offers services within and outside the institution.

She has gained international and interdisciplinary exposure and experience through her studies, research, and participation in organizing workshops and conferences. She has received scholarships and taken part in international collaborations between Ardhi University and other Universities and programs including SIDA from Sweden, NUFU & NOMA from Norway, DAAD from Germany, and VLIR-UOS from Belgium. She also attended the Youth Encounter on Sustainability (YES - Africa, 2007) program from ETH Zürich.

Project Description:

This project builds upon an original project entitled "The Social Contract: Contemporary Housing Needs in a Vulnerable Area." After a first presentation in a Windsor consultation, I've reorganized the material towards the broader goal of the ICCC.

To recap the previous project, the goal was to study the housing needs in a vulnerable area in Dar es Salaam in the informal section "Msasani Bonde la Mpunga." The project then studied the broader context of complex urban issues such as floods, social disparities, land-use conflict, improper waste management, and the spread of epidemic diseases. The site radiated the importance of research to preserve the ecological, hydrological, and social aspects which binds a community of older and young.

I realized that this project revealed a smaller and possibly narrower approach to the solution, focusing on space and very little on other aspects, particularly waste. Upon reflection at the start of my master's study in 2018, I realized that the waste problem was a greater issue for those living in the area of Dar es Salaam. But temporary design incorporation could help those with immediate housing needs.

As a result, I started a project to take advantage of waste in the area and to benefit from building materials. To deliver a faster and more innovative solution, I combined it with 3D printing, which was part of the development process.

Current Status:

The project has been suspended since November 2019 pending additional funds. To date, only the CAD and engineering design were completed.

Personal Quote:

"I see a thin-blur between architecture and the community. Communities are full of challenges, and solutions are symphonized by design. If architecture were to be treated as music with a taste for change, our societies would significantly improve."

Value of Fellowship experience:

Since my first call to participate in the 2015 ICCC International Student Design Competition, the fellowship experience has strengthened my capacity in the way I view the world and architecture today. The fellowship has continuously helped me to represent and reconsider the incorporation of ICCC's larger goals into humanitarian architectural works, via technology and material exploration.

[A link to Exhibition Video during Architecture Week](#) at Graduate School of Architecture and Design (Ardhi University) - Sharing our progress with materials research and 3D printing prototype design.



Mr. Nabil Abdallah



Ms. Grigoreva Anastasiya

Project City and Country: Krasnoyarsk, Russia

Project Title: **City of Crafts**

Working fellowship date: 2016

Working organization: Siberian Federal University

Mentor: Grekov Nikolaii, Professor of Architectural Design Department,
Candidate of Architecture; member of the Union of Architects of Russia

Project Description:

We live in a world with a wide range of differences in nature, culture, and people. Every day we learn something new, we make decisions, and sometimes make mistakes. But we are always surrounded by people who can offer advice. We may call them granny – those with kind hearts, pure reasoning, and silver hair. But very often, in the modern world, elderly people are left alone and feel unnecessary.

Elderly people are similar to bees: they cannot sit still without work! Therefore, the main idea of my concept is honeycombs. The flexible and comfortable environment of bees is designed in modules, and they may freely expand a honeycomb to accommodate more bees at any time.

The platform is in a quiet and cozy district of the city on the river bank of Bazaikh, surrounded by woods and mountains. Low-rise houses are served by churches, drugstores, shops, a hospital, and a ski slope.

In a such picturesque urban setting, it was important to visualize an architectural design – adjacent to the river – that would create a unique and comfortable environment.

The project presents a small village (no more than two floors) integrated into an existing low-rise housing development. The center features a public square comprising four blocks. The main block features offices for administration, workshops, and exhibitions.

The second block provides a restaurant, library, movie theatre, and lecture halls. The third block is a sports-medical complex, and the fourth block offers a greenhouse for leisure, especially for the aged.

Surrounding this zone are residential units. All modules are connected via the second floor, and residents enjoy a shared courtyard. A blend of classic brickwork with eclectically located windows presents a vibrant and dynamic perspective that appeals to all ages.

We should care about all members of society, especially considering the needs of our elders who raised us. The aged are filled with wisdom and buoyancy, and their collective memories are our priceless heritage.

Personal Quote:

"If we don't know our past, we won't be able to live well in the present and to create a better future."

Value of Fellowship experience:

My participation enabled me to see some things differently. It opened borders and introduced me to many interesting and talented people. Most important, the fellowship promoted sincere care and thoughtfulness for the people who would inhabit an architectural project. Architecture is not to be designed for its own sake to produce a "wow" effect, but to generate a comfortable environment that makes a community feel like home.

**Ms. Grigoreva
Anastasiya**



Words of Wisdom

Ms. Christine Gong

Co-Chairman, Chinese Culture & Art International Organization
Vice President, ICCC

ICCC's focus on the global "Society of **AgeQuake**" draws on the collective wisdom of initiatives over 30 years. We are glad that more young people have gotten involved in these projects, establishing better models to realize "A Society for All Ages."

China, as well as all nations, has challenges stemming from a large population of aging citizens. We continue to seek solutions to enhance living conditions for this rapidly expanding demographic.

I hope that ICCC's work with Chinese institutions and local young people can establish parameters to ensure that the aging remain integrated in society. We hope to benefit from practical projects in the near future. With the guidance of ICCC, my colleagues and I strive for deeper analysis and creativity. We are on the way, together, to improve overall quality of life.

Ms. Nancy A. Arbogast

Project City and Country: Kilimanjaro, United Republic of Tanzania, East Africa

Project Title: **Revitalization of Moshi Train Station Precinct**

Working fellowship date: 2017

Working organization: Epitome Architects Limited

Mentor: Arch. Kaisi Kalambo

Background of Mentor:

Mr. Kalambo is a certified international project manager who was trained in Kenya and in the Federal Republic of Germany in architecture, landscape planning and remote sensing. He has undertaken post graduate studies in arbitration through the Chartered Institute of Arbitrators (UK) training programme. He has worked as an architect and project manager in Kenya, Tanzania and Uganda and as an architect / landscape planner in West Germany, with more than thirty years of professional experience to date. He is registered in Tanzania, Kenya, and Malawi, and has worked as an architect on commission for the U.S. State Department – Overseas Building Operations (OBO), Foreign and Commonwealth Offices – Overseas Estate Department (OED), and for a wide range of private sector and local government commissions on construction and master planning projects in eastern and southern Africa. His project experience extends from high technology design installations to appropriate technology solutions for projects unique to the context of the developing world.

He has also served as a full-time manager in Tanzania, responsible for quality assurance and supervising the construction of administration, commerce, culture, education, entertainment, habitation, health welfare, industry and religion projects.

As an architect / urban designer, he has worked for M/s Louis Berger International, Inc. on-site for location analysis to prepare a master plan along with the preliminary engineering design to establish the Export Processing Zone in Dar es Salaam for the Government of Tanzania. During this assignment he was a component deputy leader and incorporated related disciplines such as architecture, engineering, landscape design, quantity surveying, financial analysis and appraisal, and quality assurance aspects.

With two colleagues, he conducted an integrated survey of the Nairobi Region in the Republic of Kenya, focusing on landscape planning and remote sensing. Their documented survey was submitted to the Regional Remote Sensing Facility in Nairobi-Kenya. This report was later presented during the 7th International Symposium on Remote Sensing for Resources Development and Environmental Management held on August 24, 1986 at ITC, Enschede in the Netherlands.

Project Description:

Moshi train station is a derelict train station in the center of Moshi, Tanzania – a gateway to the Kilimanjaro Region. This tourist destination is the home of Mount Kilimanjaro, the highest mountain in Africa and the highest single free-standing mountain in the world: 5,895 metres (19,341 ft) above sea level.

In 1956 the Moshi station was a very important hub of the East Africa Railway. It has declined to become a gathering place affording a view of the magnificent Kilimanjaro mountain.

The research to develop the precinct encompassed a radius of 900m (cycling distance) from the station, and the proposal aimed to direct the revitalization of the precinct together with the station.

Moshi is a planned and recently gentrified town, while its suburb of Njoro is an informal commercial-residential settlement and poorly serviced. The station lies between Moshi and Njoro, but these communities have no synergy.

Moshi features single and multi-story residential homes, and a range of commercial and institutional buildings. These buildings are in overall good condition with a lifespan of 50 years. Historic 1-2 story buildings are being replaced by tall buildings in central neighborhoods. Reliable services are available for existing demand, but upgrading will be necessary to accommodate anticipated growth.

Njoro has single-story buildings with a mix of residential, commercial, and institutional use. Buildings range from poor to good condition with a life span of less than 30 years. Houses are extended horizontally in ad hoc measures as families grow. Houses along active roads are being converted to commercial buildings to take advantage of prime locations. Electrical and clean water services are satisfactory, but there is poor solid waste management.

The research proposal called for the train station to be refurbished to its past aesthetic glory while meeting all the modern needs for a transit terminal. This would include a mix of commercial and cultural functions that would serve to connect surrounding communities. The station would draw residents of Moshi and Njoro together to shop and participate in a range of activities aside from transportation.

The precinct is to be designed as a transit-oriented development (TOD) in order to bring synergy between Moshi and Njoro, thus creating an economically viable society where all ages can comfortably live, work, and prosper.

Current Status:

On December 6th 2019 a passenger train arrived at the refurbished Moshi train station for the first time after 25 years. The government of the United Republic of Tanzania has revived railway transportation in the Northern circuit and is determined to continue with the revitalization process, which includes upgrading the Metre Gauge Railway to a Standard Gauge Railway. The northern circuit connects the Kenya railway at the Taveta border.

I have joined Epitome Architects Limited – an architectural firm in Tanzania – to work on this project. We are preparing the project appraisal to justify the urgency of upgrading the northern circuit to a standard gauge railway, which includes new station infrastructure / buildings. We have discussed our proposal with Tanzania Railway Corporation (TRC) so they can undertake this upgrade project for the community. Despite having completed the standard gauge design, TRC needs to find financial partners to fund implementation of the project.

Appraisal Consideration:

The considerations for the station precinct appraisal include:

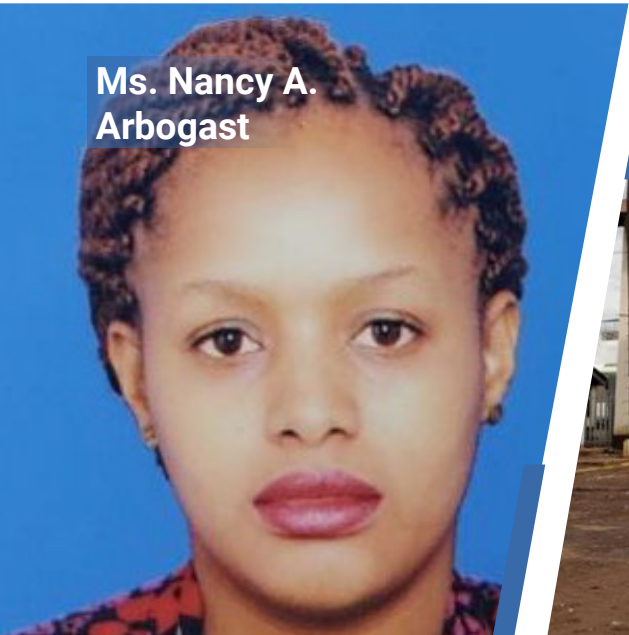
- Multimodal planning.
- Reinvigoration of the precinct by introducing new programs.
- Review of the process before this appraisal (Government plans).
- Need for more scheduled trains.
- The need for comprehensive system revitalizing, such as designating the Moshi train station as a precinct and not a station terminal.

Personal Quote:

“The privilege of being educated comes with the debt to use your education for your community’s development.”

Value of Fellowship experience:

- Fellowship has provided me with the opportunity to explore potential community development niches in my country and invest time and resources to realize development projects.
- Through the fellowship project I was able to expand my network with experienced people who are assisting in realizing the project, domestically and internationally.
- The fellowship theme of **AgeQuake** drives a holistic approach to dealing with community development projects.



**Ms. Nancy A.
Arbogast**



Ms. Mayara Regina de Souza Spengler

Project City and Country: Blumenau - Santa Catarina - Brazil

Project Title: **Social Integrative and Revitalizing Units**

Working fellowship date: 2015

Working organization: Architecture Council/CAU/SC

Mentor: Hugo Alfredo Nieto

Project Description:

The goal was to create a comprehensive model that would bring together a mix of ages, cultures, and income groups. Special attention was directed towards the needs of the elderly, to ensure that they remain integrated into the wider social network. Experienced architects and professors advised students in workshops on approaches to support underprivileged segments of society. Urban growth without planning increases the risk of accidents and degrades the quality of life for everyone. Successful project development includes monitoring construction on-site to ensure that standards are met.

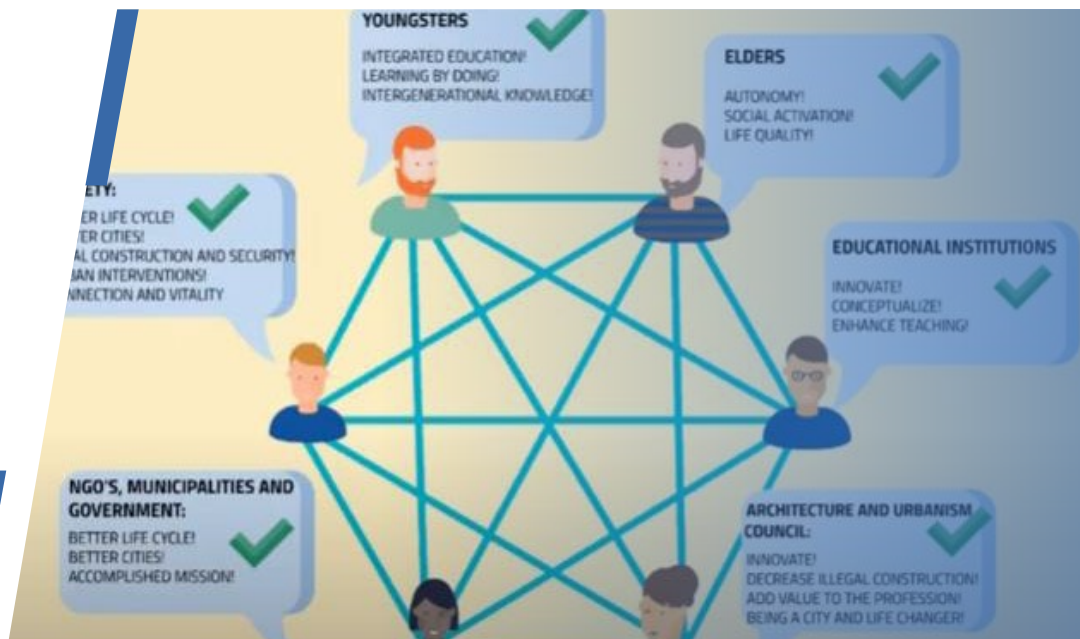
Current Status:

The project could be successfully replicated across a number of cities. However, the proposal has not been implemented due to limited time and resources.

Value of Fellowship experience:

My experience with the ICCC Fellowship Program enabled me to coordinate the academic perspective of an architect with the goal of improving the social environment.

Ms. Mayara Regina de Souza Spengler



Ms. Esther Mbibo

Project City and Country: Dar es Salaam, United Republic of Tanzania, East Africa

Project Title: **Multi-Dwelling Complex at Msasani Bonde La Mpunga**

Working fellowship dates: May 2018 to April 2019

Mentor: Dr. Daniel Adam Mbisso

Department of Architecture - Ardhi University, Dar es Salaam - Tanzania

Project Description:

The project's goal was to design a multi-dwelling complex at Msasani Bonde La Mpunga as a prototype model to accommodate the lifestyle of informal settlement dwellers, without overlooking the rapid urbanization of the city of Dar es Salaam and the rising contemporary needs of the community.

There are a number of concepts for the development of the informal settlements; many would argue that the settlements are disruptive and need to be taken down, while others propose that we keep the informal settlements while reinforcing their infrastructure. To be realistic, "the city is never complete -- it has a beginning but it has no end... it's a work in progress always waiting for new things to be added and new characters to move in" (Bjarke Ingels). This leads us to face the fact that we cannot keep informal settlements forever.

The lifestyle of the people living in the informal settlements is precious and must be preserved. Due to economic development, informal settlements are more likely to become sandwiched between massive developments, which forces them to expand. A high population density requires that expansion develop vertically, not just horizontally. However, a high rise of bricks and mortar would not feel like home to many residents, who are likely to move on to new places to develop housing that suits their lifestyle and heritage.

The development represents Swahili architecture, with a number of rooms separated by a corridor, with each room occupied with one family or a single person. The corridor is the center of interaction. The households are closer to each other, and often facing each other. Hence, there is greater interaction at the community level. Borderless property makes living communal but offers privacy.

I proposed that we build vertically while maintaining the valuable attributes of their former settlement. In a 3*12m space I created an alternative layout to accommodate people and their activities in the informal settlement. Ranging from a family unit to a residential studio to retail stores, the arrangement was designed to add height for each unit and provide individual outdoor space that feels like home.

Personal Quote:

"I believe Architecture are the sketches of our lives... how we sketch them is how we live and how we live is how we sketch them, but unfortunately this is not always the case. But if as Architects we could embrace the messages that our society's way of life is posing, we can be able to solve the unnecessary chaos that is constantly evolving."

Ms. Esther Mbibo



Words of Wisdom

John Kent

Founder, Equitable Communities

It has been a joy for me to get to know the **“AgeQuake”** fellows as they supported each other in their efforts to see their award-winning visions transformed into operational programs in their home communities. The fellows share a passion for – and mastery of – architectural design, and a belief that designs can address and overcome lifestyle challenges. A vivid example is a design that facilitates daily contact between senior citizens and elementary school students, to the benefit of both.

Communities benefit from multi-generational partnerships in decision-making, and exploring new options to improve lifestyles.

ICCC’s awards inspired the fellows to integrate the principle of **“AgeQuake”** into their professional development. They initiated conversations to develop awareness about **“AgeQuake”** at their universities, with decision-makers in their home communities, and through presentations at conferences at the United Nations and Windsor Castle. These ongoing conversations would not have a global reach without the creative vision and commitment of the fellows.

Ms. Gloria Thomas Mtei

Project City and Country: Dodoma, United Republic of Tanzania, East Africa

Project Title: **Rehabilitation Center for the Homeless**

Design of a homeless center with provision for child care and elderly housing

Working fellowship date: 2018

Working organization: Infinity Real Estate

Mentor: Prof. Gisela Loehlein

Project Description:

Many factors contribute to the problem of homelessness. While all ages are vulnerable, the elderly and young children are most in need of care in Tanzania. Many elderly people become homeless after relatives die, or following a natural calamity. The few homes for senior citizens in Tanzania are mostly in Dar es Salaam, leaving other districts without social services.

My project was focused on the needs of homeless people in Dodoma. I studied homeless alms seekers living on the streets and proposed solutions to rehabilitate them physically, mentally, spiritually, and socially. Through research, I found that the homeless included entire families along with individuals of all ages, and that many had stayed in a shelter. Unfortunately, the shelter system had so many problems, many returned to living in the streets.

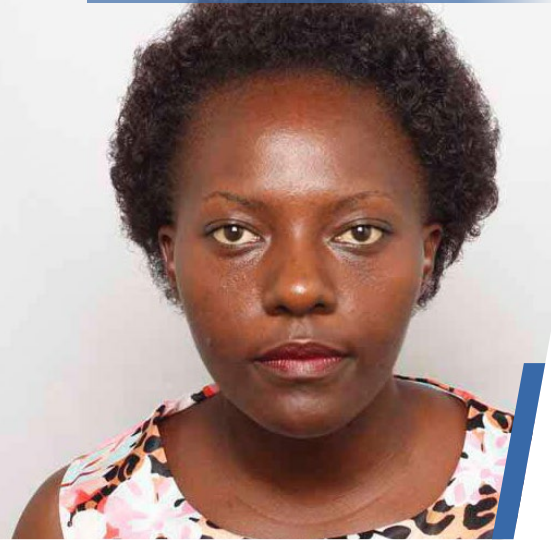
I designed a shelter that would accommodate all ages so that family members would not be separated, and individuals would find a socially interactive home environment. I proposed that the facility provide space for workshops to enable residents to work on carpentry, tailoring, and other marketable skills. There would also be land to cultivate vegetables. This would enable residents to hone their talents, reclaim their dignity, and earn income. Health services would be provided for medical care and long-term care, especially for the elderly. There would also be a chapel and / or mosque to serve the spiritual needs of residents.

All of these facilities would be contained within a healing environment that would feature landscaped grounds with flowing water. The therapeutic benefits of this rehabilitation center would be unique for the homeless across all age groups in Dodoma.

Value of Fellowship experience:

The Fellowship has had an indelible impression on my vision in design and planning. Now whenever I plan a design for even a small space, I consider how that space can be all-inclusive and serve the spectrum of ages. Many people inhabit the same space through their lifetime, and so their home should be able to accommodate their evolving needs and changes in family structure. It is vital to consider how to serve the elderly when designing housing.

Ms. Gloria Thomas Mtei



Words of Wisdom

Prof. Gisela Loehlein PhD

Head of Architecture + Design Department Xi'an Jiaotong-Liverpool University Suzhou P. R. China

We have all found ourselves in new situations, bringing unique challenges this year. History teaches us that when we are faced with adversity, we must meet it head on and adapt, push boundaries, and innovate. We will bring about improvements in the ways that we engage with the world. All aspects of our lives – relationships, communications, work, and recreation – have been impacted by the pandemic. We look to innovate the networks in which we live to achieve a better balance in our lives.

ICCC has enabled the fellows to share their insights to improve the environment and enhance our quality of life.

Ms. Anna Prokudina

Project City and Country: Metz, France

Project Title: **Seniors in a Smart City: Needs, Objectives, and Perspectives**

A placemaking strategy for the urban regeneration of public space in Metz, France.

Working fellowship date: March to November 2015

Working organization: RPBW (Renzo Piano Building Workshop)

Project Description:

Every city is a smart city. The goal of the architect and urban planner is to discover its « smart » points and reinforce them. My fellowship research is composed of two parts: blue-sky research and contextual analysis. The first part is focused on defining the needs of the elderly, considering different case studies and urban principles for comfortable living. The blue-sky research presents a clear vision of a modern smart city to benefit the needs of all ages.

The second part is focused on the contextual study of the city center of Metz, France. The significant medieval background of Metz presents a number of challenges in urban planning. My research identified areas in need of design solutions to realize the principles of inclusion, sustainability, and smart development.

One of the central squares in Metz is used for parking, and it is surrounded by buildings designated for the care and leisure needs of the elderly. The project illustrates a repurposing of this area to transform the square into a comprehensive event destination with various activities for seniors and people of all ages.

Current Status:

The project was presented to the municipality. Further development will require the participation of governmental organizations.

Value of Fellowship experience:

The Fellowship project inspired me to produce the booklet: **HOWOLDAREYOU.**

This was an incredible opportunity to gain substantial knowledge about the daily life of the elderly in a historic European city. I gained a new perspective on my neighborhood, and was thrilled to know that my project could enhance and improve the living environment. This was a starting point in the application of my skills to address challenges in the real world. Following the fellowship, I met colleagues and that led to a number of interesting projects, collaborations, and exchanges of ideas.

Additional Comments:

IMAGINE what could be made possible... if an intergenerational team of experts could meet annually to exchange proposals, discuss solutions, and create pathways for new ideas to raise awareness for the **AgeQuake** society?

Thanks to ICCC, the baseline for this meeting of minds already exists. Since 2014, a group of young fellows from all over the world has been convened each year to present their research and projects. We would like to strengthen and widen this network, and broaden the dialogue by institutionalizing this exchange.

An expansion of ICCC's initiative among academia, sponsors, and young talent would simplify and enhance the effectiveness of the communication process in connecting young minds.

To date, many ideas and theoretical projects have been submitted, yet local implementation in the field has not met its full potential. We want to initiate a stronger dialogue between young and old, theory and reality, project and actors.

We would like to invite you to be a part of this dialogue by daring to ask: **HOWOLDAREYOU?** Here is the link for the published booklet. https://issuu.com/annaprokudina/docs/how_2017_1_1

Ms. Anna Prokudina



Words of Wisdom

Mr. John Gong

President & CEO, Athena Technologies Inc.

Congratulations to all of the fellows on great accomplishments! It is wonderful to see your unique contributions, reflecting different cultural perspectives. Your creativity and outstanding designs are not only superb in theory but are practically beneficial to be put into action. Your vision will truly improve the quality of life and the environment in your communities. Again, GREAT JOB!

The Chinese have a famous expression: "God bless the people who work hard." Keep up your innovative work!

Words of Wisdom

Dr. Cecilia Martinez Leal PhD

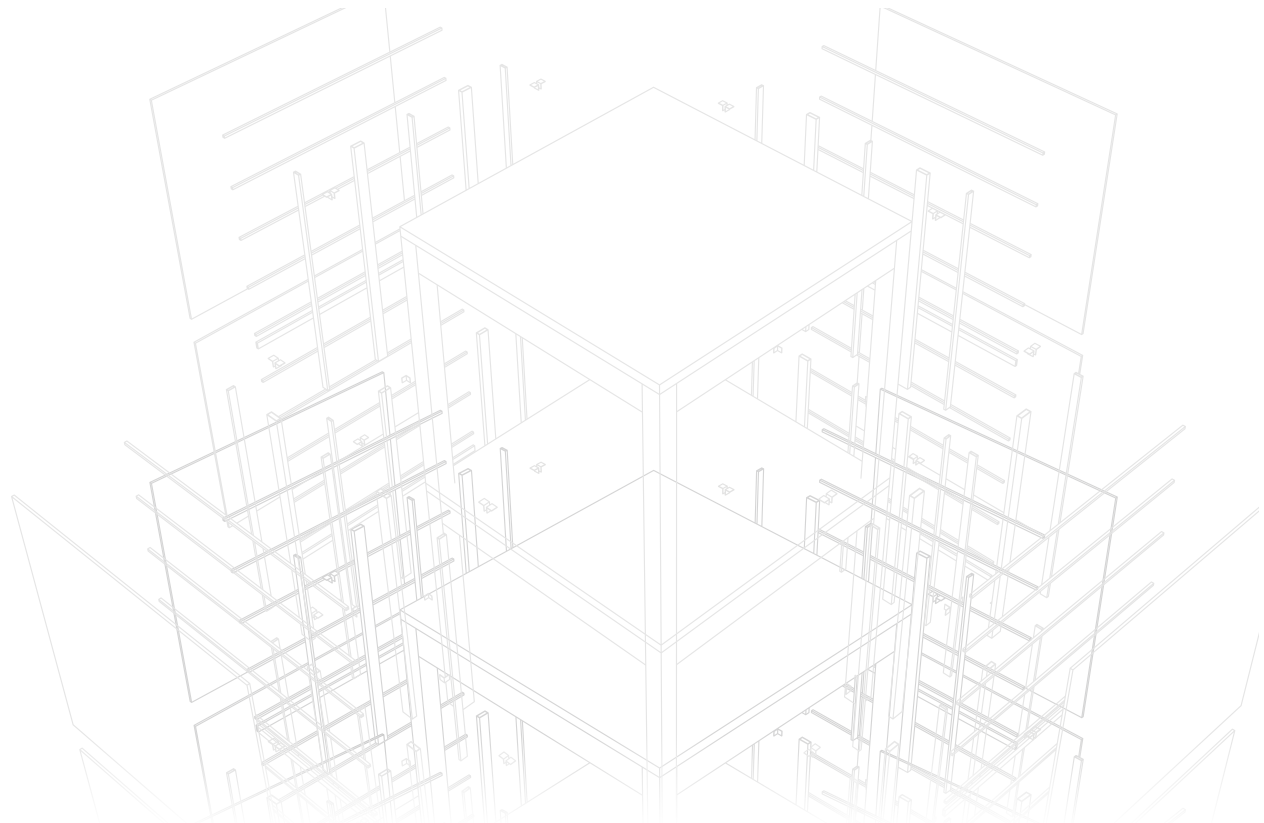
Chairperson of WRI (World Resource Institute) Mexico

For several years I was very proud to serve on the jury for ICCC's International Student Design Competition. Architectural students from around the world presented projects designed to integrate older persons into the fabric of their communities. We evaluated hundreds of projects with very different perspectives and interesting designs. The Student Fellowship Program was launched with the students who won the Design Competition. Those students presented their projects at an exhibition in China, and they developed lasting friendships.

Today, these fellows have flourished in their professional careers, which affords us the opportunity to take a fresh look at the evolving needs of older people. ICCC renewed the conversation among this generation of designers to research and update the lessons they've learned about inclusion of the elderly across the spectrum of social and cultural life.

How do they imagine new paradigms in relation to working and living in the cities? How can they bring their experience, knowledge, and initiative to prevent the exclusion or isolation of the elderly in cities?

First, we will set the stage to learn how the fellows have advanced in their professional careers. Then we will continue discussions about their new realities, and ask what they envision as opportunities in the near future. Our goal is to promote new ideas to accommodate an aging society in diverse communities, and to incorporate cultural sensitivities. This can provide a universal platform to promote a **Society for All Generations**.



Mr. Ahmed A. Shannan

Project City and Country: Khartoum, Sudan

Project Title: **Enhancing Sudan's Education For Better Aging**

Working fellowship date: June 2015 to March 2016

Working organization: Shannan Architects – Akiam Co., Ltd

Mentor: Dr. Tallal A. Saeed

Project Description:

The ratio of seniors in the population of Sudan is 5.2%. This is considered small compared to developed countries like Japan and Sweden. Sudan is a developing country with limited resources, so the focus should be towards a future with a higher senior ratio. An aging crisis doesn't hit suddenly but builds up gradually. We should research the best way to prepare the country for the inevitable aging wave by creating a community that is "aging literate." This can be achieved through education.

Investing in the younger generation's education would increase in the country's gross national income and help to prepare us for a better aging experience. We must not neglect issues of the elderly in planning and development, and should allocate resources now, rather than later.

Current Status:

After the research was presented in "The Cities of the Future" High-Level Architectural Forum held at the United Nations, a group of University of Khartoum graduates (Architecture and Law) adapted the project to develop policies and explore how to push the government's ministries and organizations to deploy these initiatives. Some progress was achieved but the work was suspended when all universities were closed during the Sudanese revolution in 2018-2019. As universities re-open we hope to see the project move forward with funding from the new government.

Personal quote:

"Times of hardship are chances that are yet to be explored."

Value of Fellowship experience:

The Fellowship helped me to become a better architect, researcher, and person. It enabled me to develop skills as an architect by applying knowledge to serve the community as a whole. It helped me to become better at research, to set goals and target specific data that would be relevant to the success of a project. I interacted with many people to gather information, which helped to shape my vision of architecture and my professional practice. The Fellowship also expanded my circle of colleagues and friends, both locally and internationally.



Mr. Ahmed A.
Shannan

Words of Wisdom

Dr. Peter Mathias PhD

Founder, Bridge Research and Development, UK

International exchange and cooperation are fruitful in many ways.

Sharing ideas and seeing the possibilities of other cultures allows us to challenge our own assumptions, stretch our thinking, and sharpen our practices. You have enabled this through your participation in the **AgeQuake** initiative.

At another level, the Retrospective and the Fellowship program enable the creation of unique teams across countries. The initiatives of these international teams assist societies in managing the challenges of the future such as climate change, shifting patterns of health care, migration, and economic and social division.

I trust that you will all find ways to continue, in an international arena, the creativity and leadership you have already demonstrated in your profiles in the Retrospective.

Ms. Dafina Shllaku

Project City and Country: Gjakova, Kosovo

Project Title: **Embracing new approaches to MULTIGENERATIONAL COMMUNITIES – Gjakova**

Working fellowship date: August 2015 to March 2016

Working organization: Architect at RC and AD Architects

Mentor: Dr. Sc. Ilir Gjinolli

Background of Mentor:

Ilir Gjinolli graduated from the Department of Architecture at Prishtina University, followed by graduate studies at Zagreb University. In 1988 he began an academic career as a teaching assistant and in 1991 became a lecturer of Urban Design at Prishtina University, Department of Architecture. He completed his PhD at the Faculty of Architecture, Graz University of Technology, with the thesis 'Public Space in Kosovo-Transformation through History'.

In 2001 he established a multidisciplinary studio of architecture and urban design -- URBAN PLUS -- in Prishtina, and became the director in 2006. He is one of the founders of the Institute of Spatial Planning within the Ministry of Environment and Spatial Planning of Kosovo, and was the director until 2006. He was team leader of the Spatial Plan for Kosovo. In 2010, together with the Spanish architect Alfredo Navarro, he established the EUROPAN Architectural competition in Kosovo, and is president of the local organization EUROPAN Kosovo. He lives and works in Prishtina.

Project Description:

The research project "Embracing new approaches to multigenerational communities: Gjakova" explores new concepts for a better integrated society in ageing societies. It was developed based on literature and evidence review, policy review, case studies, and interviews -- particularly with the elderly community and a range of professionals. It addresses the issue of the ageing population in Kosovo, respectively the city of Gjakova. By considering the vital role and unique opportunities presented by the elderly, the research project emphasizes new approaches to enhance the dimension of well-being, quality of life, and social participation.

New concepts related to the ageing issue are presented for the city of Gjakova such as: multigenerational settings; active ageing framework; healthcare services; lifelong and intergenerational learning; urban environments as social settings; human needs as the basis for an urban planning framework. Directing the focus on the "methodology of happiness," the research project analyzes strategies that emphasize the quality of spaces and services, and the design of safe and walkable communities. Attention is given to the importance of: the quality of childcare and senior services; strengthening civil society by increasing a sense of social inclusion; providing affordable and mixed-use housing; and transport options.

Current Status:

The Second Team Prize-winning project of the 2014 International Student Design Competition "Integrated Communities: A Society for All Ages" was presented to the mayor of Gjakova, opening

the debate on the possibilities of project implementation. This initial meeting also brought to the table the little discussed topic of the future challenges of an aging population in Kosovo.

The fellowship project “Embracing new approaches to multigenerational communities - Gjakova” presented multiple findings and opportunities, and served as a baseline to continue drafting a framework to improve life for the aging in Kosovo. Due to frequent political changes in Kosovo (as is the case in many other countries), such projects are unfortunately difficult to push forward. Currently, we are looking for new funding opportunities to enable the continuation of this project.

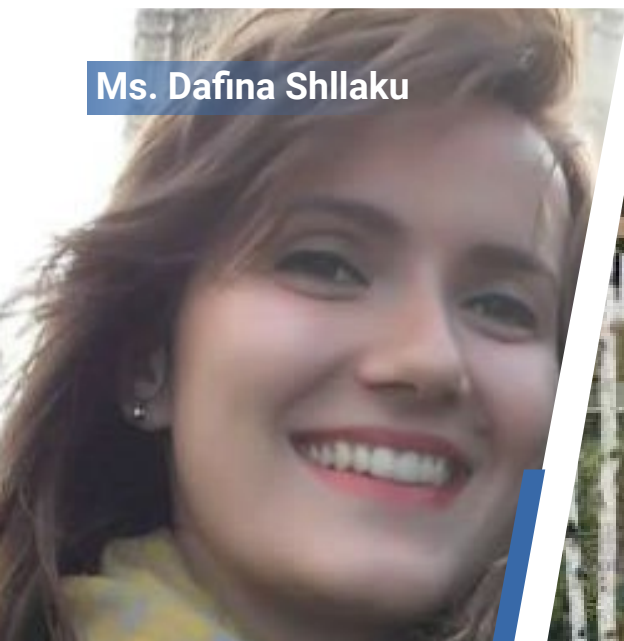
Personal quote:

“Think, reflect and learn. Experience is precious.”

Value of Fellowship experience:

My sister Laura and I were colleagues on the Fellowship project, which served as one of our most valuable academic and professional experiences. This opportunity provided a great platform to apply knowledge gained from research. It enhanced our motivation and built our self-esteem. We brought recognition to our school, which aroused curiosity and competitive interest among colleagues. This competition was also a great addition to our resumes, which enhances career opportunities.

Ms. Dafina Shllaku



Words of Wisdom

Dr. Alexandre Sidorenko MD, PhD

Senior Advisor, European Centre for Social Welfare Policy and Research, Austria

Former Head, United Nations Programme on Ageing

Architecture is about designing the physical space. Fill this design with your spirit as your dreams and calculations should serve the current and future generations. Make it the design for all generations.

Ms. Laura Shllaku

Project City and Country: Gjakova, Kosovo

Project Title: **Embracing new approaches to MULTIGENERATIONAL COMMUNITIES – Gjakova**

Working fellowship date: August 2015 to March 2016

Working organization: Project Collaborator & Urban Planner at BUUR, Bureau voor urbanisme Belgium

Mentor: Dr. Sc. Ilir Gjinolli

Background of Mentor:

Ilir Gjinolli graduated from the Department of Architecture at Prishtina University, followed by graduate studies at Zagreb University. In 1988 he began an academic career as a teaching assistant and in 1991 became a lecturer of Urban Design at Prishtina University, Department of Architecture. He completed his PhD at the Faculty of Architecture, Graz University of Technology, with the thesis 'Public Space in Kosovo-Transformation through History'.

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Personal Quote:

“In times when humanity is facing multiple challenges, unity, diversity and cooperation will lead us toward change.”

Value of Fellowship experience:

The ICCC Fellowship program was a remarkable professional experience which gave me the opportunity to communicate with professionals and established leaders in their field on active ageing and multigenerational communities. This program motivated me to further understand the practical needs of people, and specifically the older generation, by experiencing great and unforgettable conversations with the elderly in Kosovo.

The news of our success in winning the Second Team Prize of the 2014 “A Society for All Ages” competition for our design project received a great attention in Kosovo and motivated many young professionals. It was a groundbreaking journey for my sister Dafina and me to actually see our efforts to make a difference, hereby creating a platform for us to continue with the fellowship research project. The new skills I acquired from this experience were extremely beneficial for my professional career, and brought me to the opportunity to further continue my educational and professional journey in Germany and Belgium.

 **Ms. Laura Shllaku**

Mr. Max Tirassa

Project City and Country: Rome, Italy

Project Title: **A Community Center in Rome - Projects for Exchange between Generations**

Working fellowship date: April to September 2015

Working organization: Silvano Stucchi

Project Description:

The Fellowship consisted of research into projects aimed at connecting older and younger generations through housing prototypes and social activities. I initially studied the viability of a community center in a neighborhood on the periphery of Rome.

I expanded my research to examine in depth the various approaches of organizations to facilitate the integration of all age groups. Different initiatives were reviewed and evaluated. It was evident that the success of a project depended upon the availability of public funding and the level of demand for change from the local residents. A community center that is welcomed in one locality may require some customization for another area.

Current Status:

Completed.

Value of Fellowship experience:

I learned that community projects are a complex and delicate endeavor, requiring constant cultivation of support from the ultimate residents. Even with substantial advocacy from local authorities, projects can fail to launch if the degree of enthusiasm wanes among local inhabitants.

Mr. Max Tirassa



Ms. Korinna Zinovia Weber

Project City and Country: Munich, Germany

Project Title: **InterAging Home**

Working fellowship date: 2014 to 2015

Project Description:

“InterAging Home” was a pilot project for the rehabilitation of a current home for the elderly in Munich, Germany in order to welcome students to the mix of residents. The project proposed an expansion of the building to enable routine, daily exchanges between generations.

This project was developed in cooperation with the Worker’s Welfare Association (Arbeiterwohlfahrt München). They proposed a site which would need rehabilitation in the near future, and whose residents would be receptive to new ideas.

The Social Center Giesing is located in the south-east of Munich. It was constructed in 1960 to house laborers, and consists of three buildings in an urban “backyard” complex. After conferring with the stakeholders, the project proposed a design concept for the area, which needed refurbishing. A new central housing courtyard would welcome seniors as well as students. The “heart” of the complex would be a dining / common room in a new building, to be constructed on vacant land.

Current Status:

The project was presented to the director of the Worker’s Welfare Association in Fall 2015. However, it could not be budgeted to be adapted in the near future. The home for the elderly that was the subject of the project has not been rehabilitated.

Value of Fellowship experience:

The Fellowship experience opened doors for me to collaborate with the Worker’s Welfare Association.



**Ms. Korinna
Zinovia Weber**



Words of Wisdom

Dr. Georg Matheis

MD, PhD, Founder and Chair at Xenios
Co-Founder and Co-Managing Director at Novalung

“AgeQuake” has expanded to include new aspects in 2020. High school and college graduates - as well as ICCC fellows - found 2020 to be much different from their dreams, with far fewer travel options...limited ways of celebration...and less direct human interaction!

There is a Youthquake in terms of shattered dreams. Carefree summers with abundant travel choices around the globe seem like a bygone era. We will also see fewer jobs and limitations in education for some time.

How can we address the challenges raised by the Covid-19 pandemic? Can we learn from the experiences of those who lived through the great influenza of 1918-1920, or during multiple historic plagues? In many ways, yes!

Viral epidemics have been and will remain an ongoing tragedy of human life. As we learn from our current pandemic and prepare for others to come, we may provide lessons for future generations. The memory of mankind is short, which enables new pandemics to catch us unprepared... every one may seem to be the worst yet.

Reading through newspaper clippings and viewing photos from the 1918-20 pandemic, we find instructions on sewing masks, social distancing rules for public transportation, and many more details that bear a striking resemblance to 2020. We also find that social distancing and washing hands was effective! Cities, states, and nations that enforced these rules from 1918-20 fared better than those who ignored or even ridiculed such measures.

People living in the US and Europe are privileged. Today there is no war in these parts of the world, no starvation, and - despite all shortcomings - better healthcare and advanced biomedical research. These advantages help to limit the mortality rate and mitigate suffering as we await a vaccine.

Our work remains undone in the global fight against war, disease, hunger, authoritarian regimes, racism, and discrimination.

This is the time to review the Universal Declaration of Human Rights and ensure that we adhere to these goals as we meet the challenges of the future.



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