Session on GLOBAL CAREERS LANDSCAPE AND FUTURE OF WORK

Mary Wilcox, Old Dominion University Norfolk, USA Marci Fradkin, Virginia Commonwealth University Richmond, USA Poonam Venkatesh, Northern Arizona University, USA Manisha AR, School of the Art Institute of Chicago, USA Rashi Ahuja Dixit, City Montessori School, India



Panelists



Northern Arizona University

- We are a public institution with 28,000 students on campus.
- Flagstaff is an Astro Tourism Destination -Astronomical bodies Pluto, Eris, Sedna were found here at Lowell Observatory.
- NASA has a ZERO gravity crater 20 mins away from our campus! Buzz ALDRIN & Neil ARMSTRONG trained here before the moon landing.
- 2nd HIGHEST elevation College in the US It snows here in Arizona!
- 3rd BEST COLLEGE TOWN in the US.
- Flagstaff has the Cleanest AIR in the US!











SAIC School of the Art Institute of Chicago

A museum campus located in downtown Chicago.

#2 Art & Design Graduate Programs in the US & #7 Art & Design School in the World.

Known for its interdisciplinary curriculum, we have renowned faculty who are often practising artists.

Part of the AICAD consortium, many of our programs are combination of real-world experience with critique based assessments and culminate into based liberal art degrees.

Over the past 150 years, SAIC has fostering critical thinking, rigorous investigation, and playful creativity. Founded by artists for artists, SAIC has a rich history of innovation in art and design education.



AREAS OF STUDY

Animation | Art/Design &Politics | Architecture | Arts Administration & Policy | Art Education | Art History, Theory, & Criticism | Art & Technology Studies | Art Therapy & Counselling | Books & Publishing | Ceramics | Costume Design Comics & Graphic Novels Community & Social Engagement | Designed **Objects** | Exhibition & Curatorial Studies | Fashion Design | Film, Video, New Media, & Animation | Furniture Design | Game Design | Graphic Design | Historic Preservation | Illustration Interior Architecture Museum Studies | New Arts Journalism | Painting & Drawing | Performance | Photography | Printmedia | Space Design | Sculpture | Sound | Sustainable Design | Visual & Critical Studies | Visual Communication Design | Writing

High School Counsellor



World's Largest City School: CMS is recognized as the world's largest city school, with over 65,000 students enrolled.

Multiple Campuses: The school operates across 20 campuses in Lucknow, India. **Comprehensive Education:** CMS focuses on a well-rounded education that combines academic excellence with character development and global citizenship.

High Academic Standards: Students of CMS consistently excel in both national and international competitions. **Admissions:** CMS welcomes admissions applications for students seeking a high-quality education that prepares them for success in various aspects of life.







Discussion Question

When advising students on university selection, what role does career planning play?



CAREER DEVELOPMENT CYCLE



Evaluate and reflect on the factors that influence your

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FOCUS





What does the job market look like in the USA?



TOP 10 BEST JOBS IN AMERICA 2024 REPORT, US Report

The 10 Best Jobs in America in 2024:

- Nurse practitioner. (not STEM)
- Financial manager. (Could be STEM)
- Software developer. (STEM)
- IT manager. (STEM
- Physician assistant.(Not STEM)
- Medical and health services manager. (Not STEM)
- Information security analyst. (STEM)
- Data scientist. (STEM)
- Actuary. (STEM)
- Speech-language pathologist.

Nurse practitioner also garnered the No. 1 spot in the Best Health Care Jobs and Best STEM Jobs rankings. Financial manager is ranked No. 1 in the Best Business Jobs ranking and software developer took the top spot in the Best Technology Jobs ranking.







Top 10 Fastest Growing Occupations

	Percent change, projected 2022–32	Employment change, projected 2022–32 (in thousands)	Median annual wage, May 2022
Wind turbine service technicians	44.9%	5.0	\$57,320
Nurse practitioners	44.5%	118.6	\$121,610
Data scientists	35.2%	59.4	\$103,500
Statisticians	31.6%	10.5	\$98,920
Information security analysts	31.5%	53.2	\$112,000
Medical and health services managers	28.4%	144.7	\$104,830
Epidemiologists	26.7%	2.7	\$78,520
Physician assistants	26.5%	39.3	\$126,010
Physical therapist assistants	26.1%	26.3	\$62,770
Software developers	25.7%	410.4	\$127,260

Note: Wage data are from the Occupational Employment and Wage Statistics program, U.S. Bureau of Labor Statistics.



Top 10 Occupational Groups Projected to Grow the Fastest

Percent employment change, projected 2022–32 Healthcare support Computer and mathematical Healthcare practitioners and technical Community and social service Life, physical, and social science Personal care and service Legal Business and financial operations Transportation and material moving Management





JOBS WITH THE BEST GROWTH POTENTIAL IN THE NEXT 7 YEARS

The most difficult jobs to fill, current salaries and projected hiring growth:

Growth outlook by 2024 Home Health Aide Annual Median Salary: \$21,920 38% **Physical Therapist** Annual Median Salary: \$84,020 34% **Financial Advisor** Annual Median Salary: \$89,160 30% **Information Security Analyst** Annual Median Salary: \$90,120 18% **Software Engineer** Annual Median Salary: \$100,690 17% **Medical Services Manager** Annual Median Salary: \$94,500 17% Data Scientist Annual Median Salary: \$128,240 16% **Registered Nurse** Annual Median Salary: \$67,490 16% **General & Operations Manager** Annual Median Salary: \$97,730 NIL 7%



Truck Driver Annual Median Salary: \$40,260

SOURCE CareerCast, Bureau of Labor Statistics Aleiandro Gonzalez, USA TODAY







Source: U.S. Bureau of Labor Statistics







Sources: BLS; U.S. Employment and Training Administration



What does the job market look like South Asia?



SOUTH ASIAN ECONOMY

INTERNATIONAL STUDENTS FROM INDIA, NEPAL, BANGLADESH AND PAKISTAN IN 2022-23 were ~ 307,740

open**doors**®

2023 Fast Facts

INTERNATIONAL STUDENTS

Open Doors 2023 included international students enrolled at U.S. higher education institutions in the United States and online from abroad, and those on Optional Practical Training (OPT).

INTERNATIONAL STUDENT TRENDS

In 2022/23, the total number of international students at U.S. colleges and universities increased by 12% to 1,057,188 students.



	Total int'l students	% change	International students
2018/19	1,095,299	0.05	accounted for 5.6% of the total U.S. higher
2019/20	1,075,496	-1.8	education population of 18,961,280 students.*
2020/21	914,095	-15.0	10,901,200 students.
2021/22	948,519	3.8	
2022/23	1,057,188	11.5	

PLACES OF O	RIGIN OF INTI	ERNATIONAL	STUDENTS		Bar
	2021/22	2022/23	% of total	% change	
WORLD TOTAL	948,519	1,057,188	100.0	11.5	
China	290,086	289,526	27.4	-0.2	
India	199,182	268,923	25.4	35.0	
South Korea	40,755	43,847	4.1	7.6	
Canada	27,013	27,876	2.6	3.2	
Vietnam	20,713	21,900	2.1	5.7	
Taiwan	20,487	21,834	2.1	6.6	
Nigeria	14,438	17,640	1.7	22.2	
Japan	13,449	16,054	1.5	19.4	S
Brazil	14,897	16,025	1.5	7.6	
Saudi Arabia	18,206	15,989	1.5	-12.2	Afg
Nepal	11,799	15,090	1.4	27.9	
Mexico	14,500	14,541	1.4	0.3	Source
Bangladesh	10,597	13,563	1.3	28.0	
Iran	9,295	10,812	1.0	16.3	Int
United Kingdom	10,292	10,659	1.0	3.6	22
Pakistan	8,772	10,164	1.0	15.9	33
Germany	8,550	9,751	0.9	14.0	20
Colombia	8,077	9,096	0.9	12.6	20
Turkey	8,467	8,657	0.8	2.2	
France	7,751	8,552	0.8	10.3	
Spain	8,165	8,548	0.8	4.7	
Indonesia	8,003	8,467	0.8	5.8	
Ghana	4,916	6,468	0.6	31.6	
Italy	5,695	6,274	0.6	10.2	
Hong Kong	5,848	5,867	0.6	0.3	
Other Places of Ori	gin 158,566	171,065	16.2	7.9	





ce: Asian Development Bank. 2024. Asian Development Outlook April 2024.

ternational students contributed US\$ **8.8 billion to the US economy in**)21/22.





INDUSTRIES & LABOUR MARKETS IN MALDIVES, SRI LANKA & PAKISTAN

SRI LANKA

The International Monetary Fund is lending Sri Lanka \$3bn (£2.4bn) to help.

Sri Lanka owes about \$7bn (£5.7bn) to China and around \$1bn to India.

BUSINESSES THAT MAY GROW IN SL: Agribusiness and Organic Farming. Eco-Friendly Business Retreats. Tech-Based Solutions for Healthcare. Pharmaceuticals Renewable Energy and Sustainable Infrastructure. Education Technology (EdTech) Solutions.

On the Maldivian Islands, tourism and agriculture are the most dominant.

Tourism accounts for 28% of the GDP and more than 60% of the Maldives' foreign exchange receipts.

As of 2010, fisheries contributed over 15% of the country's GDP & engaged about 30% of the country's workforce.

The Maldivian economy is estimated to have grown by 4% in 2023. Fastest Growing Industries in Pakistan:

Textile Industry Agriculture Industry Chemical Industry IT and Software Development Healthcare Energy E-Commerce

Pakistan has experienced an economic crisis as part of the 2022 political unrest & a series of financial debt. Therefore, no accurate current economic or industrial data available.



INDUSTRIES & LABOUR MARKETS IN NEPAL & BANGLADESH

CIA reports that the main industries in Nepal are-

Agriculture, Tourism industry, Tapestry and textiles industry, Small rice jute factories, Sugar, and olive mills Cigarettes, cement plants, and brick mills.

A total of 562 IT companies in Nepal as of 2023.

Nepal's IT sector has exported an astounding \$515 million worth of IT services to other countries in 2022

Nepal's economic growth is set to rebound, from 1.9 percent in FY-23 to a forecast 3.3 percent in FY-24. -World Bank Group.

In Bangladesh, more than 4,500 IT and ITES companies, employing more than 750,000 ICT workers.

One of the most promising industries in the nation is the IT sector - expected to grow to USD 5 billion by 2025.

The Bangladesh Telecom Market size is estimated at USD 4.87 billion in 2024, and is expected to reach USD 5.86 billion by 2029.

Domestic pharmaceutical market in Bangladesh is expected to reach over USD 6 billion by 2025.

the world!

Bangladesh has the largest off-grid solar power program in



INDUSTRIES & LABOUR MARKETS IN INDIA

IT, AI, DATA, **CYBERSECURITY:**

By 2024, CYBERSECURITY is anticipated to hit around USD 4.70 billion, with potential to rise to USD 10.90 billion by 2029.

India's SOFTWARE SERVICE INDUSTRY is expected to reach US\$ 1 trillion by 2030.

The AI market in India is expected to reach \$7.8 billion in value by 2025.

India's DATA ANNOTATION & LABELLING services market is expected to be worth \$7 billion by 2030

33% of India's DATA SCIENCE & AI (DS&AI) developer talent is between 18 and 21 years of age with tier 2 & 3 cities

Women make up ~28% in India's Al workforce.

The Data Science Council of India (DSCI) projects a shortfall of 2.5 million data science professionals by 2030.

DEFENCE & AEROSPACE:

India-United States Defence Acceleration Ecosystem (INDUS-X) to co-develop and co-produce advanced technologies, including in areas of space artificial intelligence.

- Defence exports rose 240% over five years in FY23.
- India's defence budget is ranked 4th highest globally in 2024.
- India's goal of becoming the 'Global Hub for Green Shipbuilding' by 2030. Hindustan Aeronautics Limited
- (HAL), Bharat Electronics Limited (BEL), Vizag Shipyard, ISRO, numerous startups to look at.
- ISRO ranks at no. 5 worldwide.
- The Aerospace & Defence(A&D) market to reach ~\$70 billion by 2030.

HEALTHCARE, PHARMA, BIOTECHNOLOGY:

- The healthcare sector, as of 2024, is one of India's largest employers, employing a total of 7.5 million people.
- The demand for Indian healthcare professionals is expected to double nationally & globally by 2030.

India is among the top 12 destinations for biotechnology worldwide. 3rd in ASIA.

The country holds 3-5% of the global biotechnology industry pie. Biotechnology to achieve US\$ 300 billion mark by 2030 & Indian Pharma Industry is expected to reach US\$ 130 billion by 2030.

India has emerged as the medical tourism hub of the world.



FINANCE, BUSINESS ECONOMICS:

Indian insurance/ finance sector might rise to US\$ 1 trillion by 2025.

FinTech is the buzzword!

- In February 2024, Unified Payments Interface (UPI) recorded 12.10 billion transactions worth Rs. 18.28 lakh crore (US\$ 220.77 billion).
- India SET TO BE the fourth-largest private wealth market globally by 2028.
- India's top 10 finance career options include Financial Analyst, Investment Banker, CA, Risk Analyst, Portfolio Manager, Actuary, Financial Planner, Equity Research Analyst, Corporate Finance Manager.

ELECTRONICS INDUSTRY:

- India and Taiwan plan a US\$ 7.5 billion chip plant deal.
- India is on track to become the largest EV market by 2030

Powerchip Semiconductor Manufacturing Corp (PSMC) Taiwan, Renesas Electronics Corporation, Japan & Stars Microelectronics, Thailand, set up semiconductor units in Assam & Gujarat with TATA.

INDUSTRIES & LABOUR MARKETS IN INDIA

AUTOMOBILE INDUSTRY:

- Indian automobile industry recorded 12.5% growth in FY24.
- 4th largest automobile market worldwide.
- Mercedes-Benz is set to invest US\$ 24.04 million (Rs 200 crore) in India in 2024.
- Nissan and Renault plans to invest US\$ 600 million in India over the next 3-5 years.
- German luxury car maker Audi India began local production of the Audi Q3 and Audi Q3 in India.
- Hyundai Motors has announced it will invest over US\$ 3.85 billion (Rs 32,000 crore) from 2023 to 2033.

OTHERS:

- The Indian mobile gaming market projected to reach US\$ 7 billion by 2025.
- The Indian Media & Entertainment (M&E) sector projected for 10.2% increase, reaching Rs. 2.55 trillion (US\$ 30.8 billion) by 2024; revenues to reach US\$ 73.6 billion by 2027.
- From April 2020 to September 2023, the renewable energy sector in India attracted US\$ 6.1 billion in FDI.
- In 2022, India ranked 1st among the top exporters in cut & polished diamonds. In FY24, India's gems & jewellery exports reached US\$
 32.02 billion.



Discussion Questions

Comparative study between with Asian vs US market.

How can students equip themselves for the USA market/South Asian labour market?

Pros and cons of staying in the USA versus returning home?



The Future of Creative Careers



THE FUTURE OF CREATIVE JOBS: Benefits & Challenges

Creativity & Innovation are among the top five skills that employers indicate will increase in value within the next five years.

> Association of Independent Art and Design Schools, Creative Minds Transforming Society Study

• In light of AI Developments

- Deep dive into hard and soft skills
- The importance of diversification and adaptability



THE FUTURE OF CREATIVE JOBS: Relevance in the 21st Century

Forbes

Creative Professions

Jobs in the arts, such as musicians, writers, painters, and other creatives in advertising for instance, rely heavily on human creativity, emotion, and subjective interpretation, making them less susceptible to automation. AI can try to take over our leftbrain functions, but as for our right brain, that will always be ours.

Creative Problem-Solving

Many problems can be solved with left-brain, linear thinking. Those are not the ones that change civilization, though. Professions that involve solving novel and complex problems – or tantalizing opportunities – require creativity, critical thinking, holistic thinking, pattern recognition, and adaptability. AI can assist in data analysis and decision support, but it totally lacks the ability to generate truly innovative revelations.

Top Skills Employers Demand in Jobs Emphasizing Creativity

PROGRAMING & SOFTWARE DEVELOPMENT SKILLS SOL

DESIGN SKILLS

InDesign

JavaScript, JAVA Software Engineering Web Site Development Technical Writing & Editing

Adobe Photoshop

Graphic Design

Adobe Acrobat

Web Site Design



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MARKETING & SALES SKILLS

Social Media Sales Marketing Merchandising Market Strategy

BUSINESS SKILLS

Business Development Accounting Business Process Store Management E-Commerce

PRODUCT DEVELOPMENT & MANAGEMENT SKILLS

Concept Development Product Development Product Management Product Marketing Product Design

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THE FUTURE OF CREATIVE JOBS: Hard vs Soft Skills

The 2023 Most In-Demand Skills

1. Management	6. Project manage
2. Communication	7. Research
3. Customer service	8. Analytical skills
4. Leadership	9. Marketing
5. Sales	10. Teamwork







Hard vs Soft Skills







CAREER & PROFESSIONAL SERVICES AT ODU

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What can I do with this major?

Learn about career areas and types of employers that hire people with each major, as well as strategies to make you a more marketable candidate.

Explore Majors & Careers >



My Next Move

Find careers through keyword search; by browsing industries that employ different types of workers; or through the O*NET Interest Profiler

Plan Your Next Move >



FOCUS2

An online, interactive, self-guided career and education planning system

Start Career Planning >

O*NET ONLINE

Explore the nation's primary source of occupational information containing definitions and job outlook data

Explore careers >

Internships & Cooperative Education (Co-Ops)

The Monarch Internship & Co-Op Office serves as the central unit for supporting work-based learning initiatives at Old Dominion University. They provide advising and support to students, collaborate with employers, and work with academic departments to expand work-based learning curricula. For more information, please contact the Monarch Internship and Co-Op Office at 757-683-5627, <u>internship@odu.edu</u>, <u>odu.edu/internship</u>, or visit the office at 1000 Webb Center, Monday - Friday, 8:30 am to 5:00 pm.



GoinGlobal

The ultimate international job seeker's guide created for international students in the US and US students going abroad.

Explore international work >



Career Coaching

Connect in person with ODU career coaches

Find a coach →

ODU & Handshake



odu.joinhandshake.com



CAREER DEVELOPMENT SERVICES AT NAU

Handshake



Student jobs





Career advising



Upcoming events



FRANKE Career Development





Internships



What can you do with your major?



MISSION:

NAU Career Development is committed to empower students and alumni to confidently navigate their careers as citizens of an evolving and global world.

Career Coffee Corner

An opportunity for students and recruiters to connect in the **University Union - hosted by NAU Career Development**

Recruiters

Students

Upcoming events

There are not any events that meet the criteria. Please check again later.

More opportunities

NAU Career & Graduate School Fair

NAU Part-Time Opportunities Fair

NAU Virtual Career Fair on Handshake

Other industry-specific career events (not hosted by NAU Career Development)

We are NAU's campus-wide career office and support students from all colleges, schools, programs and departments at NAU.

Get started in undergraduate research

NAU Career Development ARIZONA 2,739 followers 28m • 🕤

... X

Development is here to provide both extensive support with your ...more

Work at the State Capitol in Phoenix this Spring! The Arizona Legislative Internship Program (ALIP) is a life-changing experience, and Career

 \checkmark $\mathbf{\vee}$

> Students from **ALL majors** are encouraged to apply.

You can also stop by his office hours Mondays 1:00 -2:45pm

Like

Make 1-1 appointment with the **Internship Coordinator at Career Development, Tyler** Lawhead, on Handshake.

Repost



Tyler Lawhead nternship Coordinator

Send

tyler.lawhead@nau.edu



Comment







- Workshops:
 - **Crafting an American Resume** •
 - Your Strategic Job Search
 - Why Your Resume Isn't Working
 - Why Should Someone Hire or Promote You?
- **Development Q&A sessions:**
 - Negotiating for a raise
 - Hiring practices for [Company X].
 - Finding allies, making them advocates
 - Job search practices for international students needing OPT/Sponsorship

CAREERS IN EDUCATION SYMPOSIUM & OPEN HOUSE

Advancement in Education

10.25.18

4 - 6:30 p.m Commonwealth Ballrooms **University Student Commons** Opening Pane Networking Breakout Sessions

REGISTER IN ADV



INSIDE THE MIND OF **A DA VINCI STUDENT**



COMMUNICATION ●



FIVE WAYS TO CATAPULT YOUR CAREER USING LINKEDIN

i) VCI

MVCU



Tuesday, October 18 4 - 5 p.m. West Hall 101

J.T. O'Donnell, CEO of Career Realism

VCU School of Nursing **FALL 2023** CAREER FAIR

Need a job Heet with hiring managers and recruiters from over 30 organizations from across the state

Employer Information Session



CONVOS

CAREER

WITH

Thursday, February 9, 12:00 PM to 1:00 PM

Snead Hall, Room B2165

VCU Business Career Service







CAREER & PROFESSIONAL SERVICES AT SAIC

CAPX Career and Professional Experience

Arts Administrator staff Publisher Furnitur tal Graphic Designer rator Cinematograph arketing Director media Producer Collec Podcast Host Music Pro noto Editor Brand Strat vst Artist-in-Residence Visual Merchandiser stainability Coordinator trategist Content Produc Professor Archivist Fur Manager Brand St grapher Event Planne raphics Designer En oto Editor Curator

An Ketting Consultant Archivist In-House Counsel Exhibition Coordinator Creative Interior Architect Image PROFESSIONAL EXPERIENC







11:00AM C

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We Are Preparers and Connectors

- Handshake
- Expert Exchange
- Jobs & Internships
- SAIC Internship and Job Expo
- SAIC Internship Fund Stipend



REGIONA South and Central Asia 2024

Discussion Questions

How can students balance the development of soft and hard skills while pursuing degree programs?

What is the role of internships and networking during degree programs?

How do you find a university that is going to support your student in getting ready for the job market?



The Globalization of Post-Secondary Education

Increasing student mobility across borders as students seek the best education worldwide.

• **Data**: In 2021, over 5.6 million students were studying outside their home country, a number that continues to rise annually. https://uis.unesco.org/en/uis-student-flow

Growing demand for diverse cultural and academic experiences.

• **Data**: Over 70% of international students cite gaining global perspectives and cultural experiences as a key factor in their decision to study abroad, according to an ICEF Monitor report. https://monitor.icef.com/category/macro-trends/student-mobility/



Education as a Pathway to Global Careers

Importance of labor markets when selecting a study destination.

• **Data**: Countries like the U.S., Canada, and Australia are preferred due to strong postgraduation employment rates, with over 50% of international students in the U.S. securing jobs within three months of graduation. https://opendoorsdata.org/

The role of internships and co-op programs in enhancing employability.

• **Data**: 60% of international students in Canada participated in co-op programs, which significantly boosted their employability. https://cbie.ca/





Beyond STEM - Diverse Career Opportunities

Growth of creative industries globally.

• **Data**: The global creative economy is expected to reach \$985 billion by 2023, offering numerous opportunities for careers in arts, media, and design. UNESCO - Creative Economy Report

Increasing value of non-STEM degrees in the global job market.

• **Data**: Fields like social sciences, humanities, and arts saw a 20% increase in job openings across the OECD countries between 2015-2020. OECD - Employment Outlook Report



The Role of International Education in Shaping Careers

Development of a global mindset and cultural competency.

• **Data**: 75% of employers value international experience and the ability to work across cultures when hiring. QS TopUniversities - Global Employer Survey

Access to global networks and industry connections.

• **Data**: Graduates from international universities have a 25% higher likelihood of securing positions in multinational companies. https://www.weforum.org/organizations/education-international/



Case Studies and Success Stories

Studying Film Production at NYU now leads a major film studio in Mumbai.

Studying Economics at LSE is now a senior researcher at the UN.

Studying Biomedical Engineering in the UK and made significant contribution in Carona Virus Vaccination at SII.



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