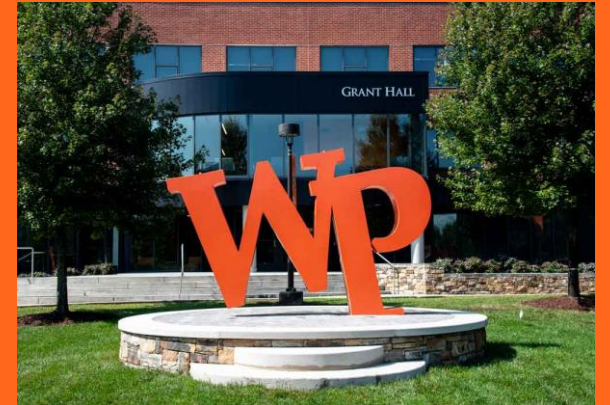


# Academic Affairs: A Look Ahead

Director's Council Presentation  
December 10, 2024

Joshua Powers, Provost  
Jonathan Lincoln, Associate Provost  
Rajiv Kashyap, MMPS Chair

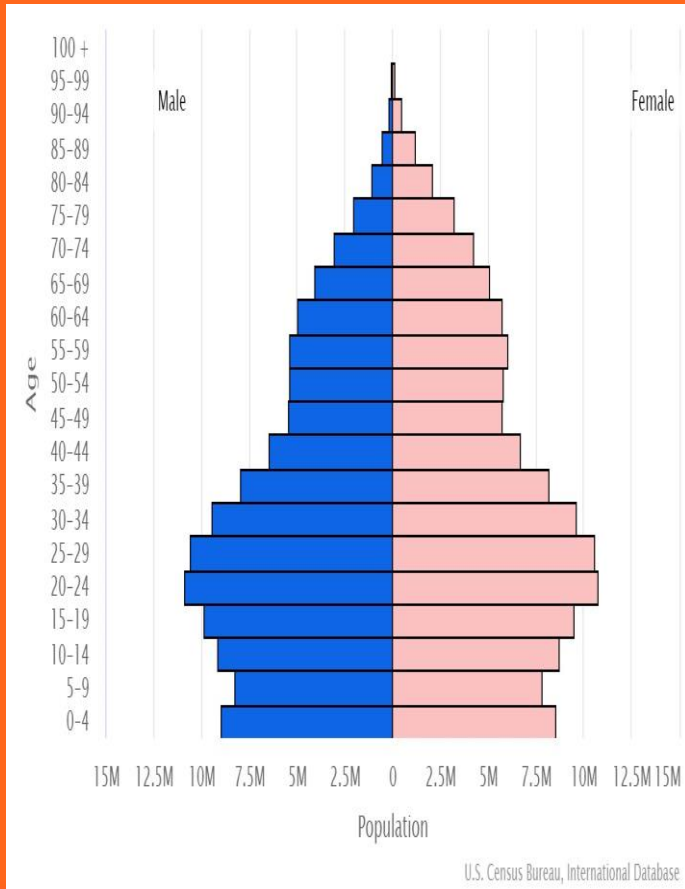


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Realizing the  
Academic Affairs  
Future

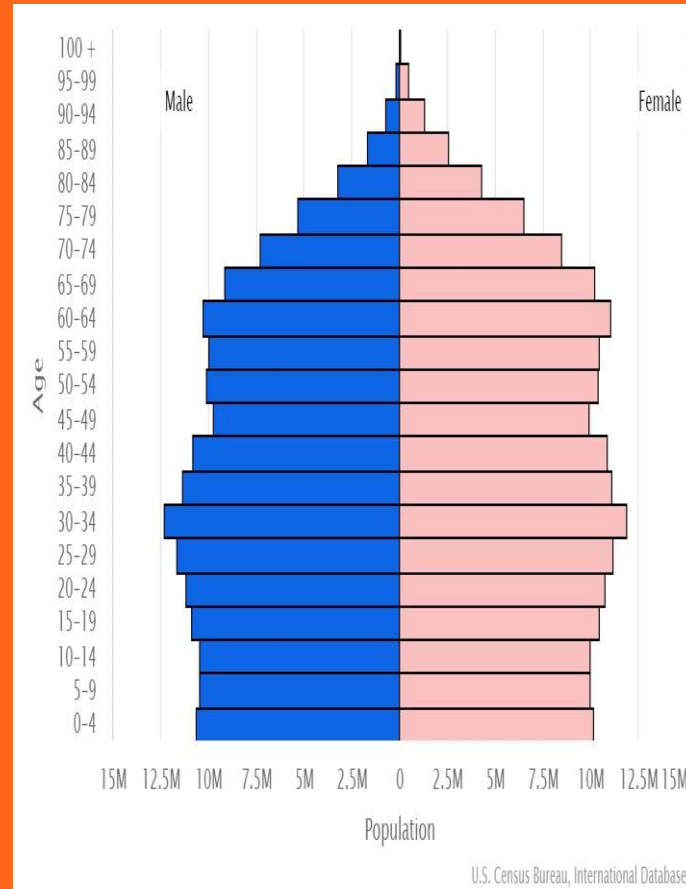
# A Few Key Informing Stats

U.S. - 1983



**Tail End of Traditional  
Higher Ed's Golden Age**

U.S. - 2023



**The Future Can't Depend on 18 Year  
Olds Anymore**

**Building the  
Academic Affairs  
Future**

[Source: U.S. Census Bureau](#)

## Some Additional Informing Stats 2024 – US vs. NJ

- Median age: **39 vs. 40**
- % speaking language other than English at home: **22% vs. 32.3%**
- % of the population 65+: **17.3% vs. 17.4%**
- % of the population 45-64: **24.8% vs. 26.5%**
- % Change in HS grads over next decade: **-4% vs. -6.3%**
- % Minority enrollment in higher education: **43.2% vs. 48.4%**
- % change in enrollment 2017 to 2024 at 4-Year Publics: **+8% vs. -2%**

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*Source:* 2024 Chronicle of Higher Education Almanac

**Building the  
Academic Affairs  
Future**

Programs with goals that attract degree AND non-degree seekers through credit and non-credit opportunities.

**Student Enrollment**

Programs with goals that lead to gains in course and program performance as well as persistence to completion.

**Student Success**

**The 5 Goals of Academic Affairs**

Revenue flows from other activities such as grants, contracts, & fundraising.

**Resource Generation**

Activities that enhance professional growth & opportunities for faculty and staff.

**Investment in People**

**Resource Stewardship**

Ensuring we deploy our resources wisely as entrusted to us by the citizens of New Jersey.

**Building the  
Academic Affairs  
Future**

# The Strategy Moving Forward

## Deliver on the WP Strategic Plan, namely...

- Reduce student attrition.
- Build distinction serving adult learners.
- Enable undergraduate students to graduate with both a degree and at least one certificate.
- Ensure courses, curriculum, and pedagogy serves diverse students and honors our mission as an HSI and MSI, graduating students with a strong social justice commitment.



## Deliver on the WP Branding & Identity Plan, namely...

- Ensure career-driven experiential learning is well embedded in courses & curriculum.

**Also adding new programs & innovating existing ones where they align optimally with our strengths and external needs**

Realizing the  
Academic Affairs  
**Future**

## Alternate Credentials Update

- 37 For-Credit, Undergraduate Certificates in the catalog
- Entry Level, Intermediate, Advanced
- Website:  
<https://www.wpunj.edu/academics/alternate-credentials/index.html>
- Digital Badges:  
<https://wpunj.campuslabs.com/milestone/org/511587316/badge/1455>      [941884](https://wpunj.campuslabs.com/milestone/org/51158941884)



## Curriculum Update

- Programs with potential for International Student Recruitment
  - Master of Science in Computer Science
  - STEM MBA in Applied Business Analytics
- WP Online (coming soon): Secondary MAT, Elementary MAT, Early Childhood MEd, Ed Tech and Instructional Design Med, +Certs
- Allied Health Initiative:
  - Pre-Physical Therapy, Pre-Occupational Therapy, Pre-Audiology
  - Medical Imaging/Radiation Technology Science MS (Partner with Health Care System & County Colleges)
  - Possibilities: Health Care Administration, Medical Ethics, Art or Music Therapy, etc. ....



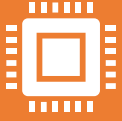
# AI Evolution

- AGI (3-5 years), ASI (6-10 years)
- Knowledge Discovery
  - Transforming pedagogy, university operations (e.g., IT, Enrollment, HR, facilities management).
  - 2025 NJBDA Symposium
  - “Empowered by AI: Innovation and the Rise of the Augmented Workforce”
- AI Risks
  - Irresponsible academic use, data privacy, bias in admissions, cybersecurity threats





# The AI Pedagogical Imperative



Prompt engineering: Creativity, Critical Thinking, Problem Solving



Fair, responsible AI: Human Centered AI (HAI), infuse human values, ensure ethical and legal compliance.

**Prohibited->Restricted->Allowed->Encouraged->Required.**



Effective communication: Interpret and communicate AI outputs



[https://studentwpunj.sharepoint.com/sites/AI\\_CCOB/SitePages/AI-in-\[Courses\].aspx](https://studentwpunj.sharepoint.com/sites/AI_CCOB/SitePages/AI-in-[Courses].aspx)

# Agentic Paradigm Retrieval Augmented Generation

- HR: AI can empower recruitment, onboarding, training.
- IT: Mitigate risks using RAG to secure data integrity.
- Advisement and Academic Support: Use AI-driven tools for personalized support.
- Marketing & PR: Generate targeted campaigns with RAG-based insights

