



## About the Penn State EdTech Network

The Penn State EdTech Network promotes active collaboration among companies, students, faculty, staff, and alumni to foster the development of transformational educational technology. We support the continuous growth of Penn State World Campus, the educational technology work going on throughout Penn State, and the global online learning community. We're part of the Invent Penn State initiative, which aims to drive job creation, economic development, and student career success by connecting researchers and innovators with the people who can help bring their discoveries to the marketplace.

[edtechnetwork.psu.edu](http://edtechnetwork.psu.edu)



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# \$100,000

## Nittany Watson Challenge

**Immersion Day Kickoff Event**  
January 19–20, 2017

*State College Municipal Building*



## About the \$100,000 Nittany Watson Challenge

IBM Watson is a technology platform focused on data analysis, natural language processing, and machine learning. The EdTech Network is offering teams of students, faculty, and staff the chance to compete for awards totaling \$100,000 in grant money to utilize this powerful platform to improve the student experience at Penn State. Teams will develop and present Watson-based solutions that can assist students with challenges they face on a regular basis, including scheduling, transfer credits, job hunting, and more.

**#NittanyWatson**

Event presented in partnership with:



### Thursday, January 19

**12:30 p.m.** **Watson Immersion Day Check-in**  
*Third floor lobby*

**1:00–2:15** *Council Chambers (third floor)* ●

**1:00** Welcome and Agenda Setting  
**1:05** The EdTech Network  
**1:15** The Nittany Watson Challenge  
**1:45** Penn State World Campus Use Cases

**2:15–2:45** **Break**

**2:45–4:45** *Council Chambers (third floor)* ●

**2:45** IBM Watson Overview  
**3:45** Bluemix Overview  
**4:15** What's the Data?

**4:45–5:00** **Transition to Community Room for evening activities**

**5:00–8:00** *Community Room (second floor)*

**5:00** Nittany Watson Challenge Review  
**5:30** Networking, Dinner, Team Building, and Topic Selection Exercise  
**7:30** Workshop Sign-up

● Sessions will be streamed live at:  
**[meeting.psu.edu/watson](http://meeting.psu.edu/watson)**

### Friday, January 20

**8:00 a.m.–9:00** *Community Room (second floor)*

**8:00** **Breakfast**  
**8:45** **Nittany Watson Challenge Review**

**9:00 a.m.–noon** **Concurrent Workshops**

*New Leaf (third floor)*

**9:00 a.m.–noon**  
**Design Thinking Workshop**

*Community Room (second floor)*

**9:00–11:00**  
**Using Bluemix and Node-RED for Fast Prototyping**

*Council Chambers (third floor)* ●

**9:00–10:00**  
**Trade-off Analytics and Alchemy API**  
**10:00–11:00**  
**Watson API Use Case Demos**  
**11:00 a.m.–noon**  
**Data Cleansing and Preparation**

**Noon–1:00 p.m.**

**Lunch and Wrap-up: Challenge Next Steps**  
*Community Room (second floor)*

**1:00–3:00** **Concurrent Workshops**

*Council Chambers (third floor)* ●

**1:00–3:00**  
**Using Bluemix and Node-RED for Fast Prototyping**

*New Leaf (third floor)*

**1:00–2:00**  
**Trade-off Analytics and Alchemy API**  
**2:00–3:00**  
**Watson API Use Case Demos**