**GOERGEN INSTITUTE** FOR DATA SCIENCE

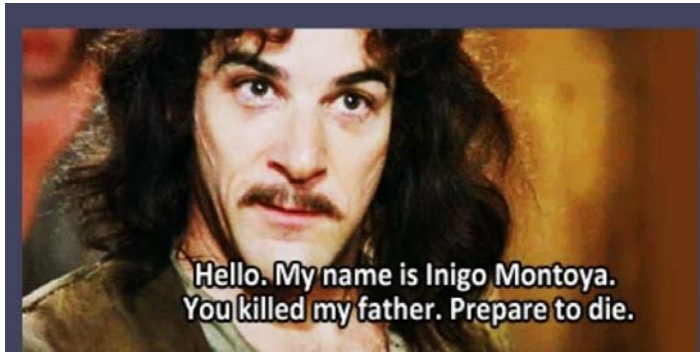Summer Bridging MS Student Orientation
Summer 2020

UNIVERSITY of
ROCHESTER

# Overview Topics

- Introductions
- Goergen Institute of Data Science
- Summer course
- Weekly Socials
- Career Talks
- Research Talks
- IDs
- Invoices
- Fall Registration

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# Introductions



Hello. My name is Inigo Montoya.
You killed my father. Prepare to die.

Remember Inigo Montoya:
1. Polite greeting
2. Name
3. Relevant personal link
4. Manage expectations

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# Summer Participants

| SUMMER GROUP | First Name | Last Name | Email |
|---|---|---|---|
| 1 | Ravi | Dugh | rdugh@ur.rochester.edu |
| 1 | Isabel | Kenney | ikenney@ur.rochester.edu |
| 1 | Hao | Ma | hma21@ur.rochester.edu |
| 1 | Jordan | Pappas | jpappas2@ur.rochester.edu |
| | | | |
| 2 | Wade | Bennett | wbennet2@ur.rochester.edu |
| 2 | Stephen | Gass | sgass@ur.rochester.edu |
| 2 | Chen | Liang | cliang11@ur.rochester.edu |
| 2 | Qilun | Liu | qliu38@ur.rochester.edu |

| SUMMER GROUP | First Name | Last Name | Email |
|---|---|---|---|
| 3 | Yufei | Cai | |
| 3 | Yu | Hao | yhao13@ur.rochester.edu |
| 3 | Genevieve (Jen) | Rowe | growe3@ur.rochester.edu |
| 3 | Chenglu | Xia | cxia3@ur.rochester.edu |
| | | | |
| 4 | Abhijit Kumar | Baruah | abaruah@ur.rochester.edu |
| 4 | Xiaoen | Ding | xding17@ur.rochester.edu |
| 4 | William (Billy) | Hayes | whayes5@ur.rochester.edu |
| 4 | Jingwen | Zhong | jzhong16@ur.rochester.edu |

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# Addition Summer Participants

| SUMMER GROUP | First Name | Last Name | Email |
|---|---|---|---|
| PT | Stefano | Bastianelli | sbastia2@reslife.rochester.edu |
| PT | Brooke | Brehm | brooke.brehm@rochester.edu |
| PT | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

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# Current Students



Raunak Mahalik    Yihzi Lan    Surya Iyer    Jake Sehnert    Ian Costley

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# Goergen Institute for Data Science (GIDS) People



**Mujdat Cetin**
Associate Professor
of Electrical and Computer Engineering;
Interim Director of the Goergen Institute
for Data Science

**Ajay Anand**
Deputy Director

**Lisa Altman**
Education Program
Coordinator

**Sylvia (Francisco) Tiballi**
Administrative Assistant

**Faculty from across the university from AS&E, SMD, and SIMON**

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# Educational Program Coordinator role

- "I Advise, You Decide"
- Think through the pros and cons of your choices
- Refer and connect you to other resources
- Pass on opportunities
- Listen to your concerns and needs
- Remind you that you are more than just your academics
- I'm available and I care about your success! ❤️ 🙂

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# Coursework – CSC162



- *CSC 162: Data Structures & Algorithms in Python (4 credits)*
- *June 29 - August 7, 2020*
  *Time: 9:00am-11:55am on Monday, Wednesday and Friday*
- *Location: online*
- *Instructor:  Richard Sarkis*
  *Computers are universal tools to store and process information. The storage part is organized as data structures; the processing part is captured as algorithms. Together, these form the heart of every computer application (in science, government, business, and the arts), on every kind of information (pictures, numbers, sound, and text). We will study the most fundamental data structures and algorithms as a means of using computers more effectively, and as preparation for more advanced study in CS and related fields.*

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# Weekly Lunch (Social)



- Mondays 12:30-1:30pm
- **https://rochester.zoom.us/j/97247749536**
- Check-in with fellow data science summer bridging participants as well as some current students who started the program last year.

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# Career Talks



- The Greene Center's Executive Director, Joe Testani, will be hosting a few AMA ("Ask Me Anything") webinar sessions via Zoom. Joe will be answering questions and discussing how COVID-19 may continue to impact internships, jobs, grad schools, and the future of work. All are welcome!
- We ask that you please register in advance as space is limited:
  - Wednesday, June 17 at 12:15 pm EDT
  - Wednesday, July 8 at 12:15 pm EDT
  - Wednesday, August 5 at 12:15 pm EDT
- For previously recorded AMA's, visit our YouTube channel.

- TBD: Meet Alissa Clark - Graduate Student Program Director



- https://www.rochester.edu/careercenter/resources/graduate.html

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# Research Talks
## https://rochester.zoom.us/j/97247749536

| Wednesday, July 1 1-2pm | Wednesday, July 29 1-2pm |
| --- | --- |
| **Gourab Ghoshal, PhD** | **Elaine L. Hill, PhD** |





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# Student ID

- If you can, wait until August 10th when the River Campus ID office plans to reopen.
- If you would like ID now, you can get their ID at the Medical Center.   In order to get the ID, they will need:
    - ❑ their URID number
    - ❑ a letter indicating which program they are in and which semester they are starting (probably a copy of their acceptance letter would be fine)
    - ❑ a government ID with picture. (license/passport works).
    - ❑ will also need to do Dr. Chatbot
    - ❑ wear a mask before going to the ID office.
- In Blackboard, there are instructions for submitting a passport-like photo which we will use as their UR ID card photo. The ID cards will be issued when students arrive (responsible parties to be determined), eliminating the need to travel to the RC ID Office.

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# Invoices/Payment

- Office of the Bursar  https://www.rochester.edu/adminfinance/bursar/
- **bursar@admin.rochester.edu**. Please provide your student name and ID number in your email message.

- Tuition and Fees: (for summer)
- https://www.rochester.edu/adminfinance/bursar/tuition2019-20.html

- Billed online (account accessed via UR Student) between 11th and 15th of month.  Due on 10th of the following month. (July 10th, Aug 10th)
    - ❑ Charged per credit hour for the tuition rate of the class you are taking
    - ❑ Audit fees per credit hour
    - ❑ Other Fees (activity, transportation, international)
    - ❑ Health Fee (not waived)
    - ❑ Health Insurance (unless waived)

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# Random Fun Slide



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| 4 | Xiaoen | Ding | xding17@ur.rochester.edu |
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| 4 | Jingwen | Zhong | jzhong16@ur.rochester.edu |

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# Resources



Learning During Times of Disruption

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# Resources - Personal

- Eat/sleep/exercise (Goergen Athletic Center/Hajim Gymnasium)
- Time Management/Prioritize

- University Health Service (UHS)
- University Counseling Center (UCC) https://www.rochester.edu/ucc/
  – Counseling 10 free sessions
- CARE - https://www.rochester.edu/care/

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# Dates to Remember

| Monday, June 29 | 12:30pm | Kickoff Luncheon |
|---|---|---|
| Wednesday, July 1 | 1pm | Research Presentation by Gourab Ghoshal |
| Monday, July 6 | 12:30pm | Weekly Luncheon |
| Wednesday, July 8 | 12:15pm | Ask Me Anything with Joe Testani |
| Monday, July 13 | 12:30pm | Weekly Luncheon (Lisa Away) |
| Wednesday, July 15 | | nothing scheduled |
| Monday, July 20 | 12:30pm | Weekly Luncheon (Lisa Away) |
| Wednesday, July 22 | | nothing scheduled |
| Monday, July 27 | 12:30pm | Weekly Luncheon (Lisa Returns) |
| Wednesday, July 29 | 1pm | Research Presentation by Elaine Hill |
| Monday, August 3 | 12:30pm | Weekly Luncheon |
| Wednesday, August 5 | 12:15pm | Ask Me Anything with Joe Testani |
| Friday, August 7 | 12:30pm | Final Luncheon |

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# Next Week
# Fall Registration

lisa.altman@rochester.edu

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## Pre-Enrollment Checklist Completed

- Pre-Enrollment Checklist Completed
  - Degree Conferral & Official Transcript
  - Academic Honesty Policy
  - Housing Info
  - UR ID /NetID/UR Email
  - ID card
  - Financial Responsibility Agreement / Payment Agreement Plan
  - Health History Forms
  - Health Insurance (enroll, waive or get automatically added)
  - UR Student System

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# Curriculum (30-32 credits)

## 5 Core Course (20 credits)

- ➢ DSC 462 Computational Intro to Stats *(exemption option)* (F)
- ➢ DSC 465 Intermediate Stats & Comp Methods (S)
- ➢ DSC 440 Data Mining (F/S)
- ➢ DSC 461 Database Systems (F/S)
- ➢ DSC 483 Practicum (F/S)

## 3 to 4 Area Courses (10-12 credits)

- ➢ Computational and Statistical Methods
- ➢ Health and Biomedical Sciences
- ➢ Business and Social Science
- ➢ DSC 491 - Independent Study

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# Curriculum  - Two Semester

- Fall Semester
- (15-16 credits)
  - ❑ DSC 462 Computational Intro to Stats *(if exempt, take an area course/elective)*
  - ❑ DSC 440 Data Mining
  - ❑ DSC 461 Database Systems or area course/elective
  - ❑ area courses/elective (consider DSC 401)

- Spring Semester
- (15-16 credits)
  - ❑ DSC 465 Intermediate Stats & Comp Methods
  - ❑ DSC 461 Database Systems (if not taken in Fall) or area course/elective
  - ❑ DSC 483 Practicum
  - ❑ area course/elective

**GRADUATE in MAY 2021**

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# Curriculum – Three Semester

- Fall '20 Semester
- (12 credits)
  - ❑ DSC 462 Computational Intro to Stats *(if exempt, take an area course/elective)*
  - ❑ DSC 440 Data Mining or DSC 461 Database Systems
  - ❑ area course (consider DSC 401 Tools for Data Science)

- Spring '21 Semester
- (12 credits)
  - ❑ DSC 465 Intermediate Stats & Comp Methods
  - ❑ DSC 461 Database Systems or DSC 440 Data Mining
  - ❑ area course

- Fall '21 Semester
- (8 credits)
  - ❑ DSC 483 Practicum
  - ❑ area course
  - ❑ DSC 897 *(no fee placeholder)*
  - o *Looking for job!!! TA/research*

SUMMER '21 Internship *(optional)*
* 1 credit internship class (DSC 494) to get CPT for international students

**GRADUATE in DECEMBER 2021**

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# Curriculum – DSC 462 Exemption

- Automatically Exempt - statistics majors
- Request Exemption - have taken courses in <u>statistics</u> AND <u>probability</u>
  - Submit request to DSC Substitution Request Form
  - Include syllabus of relevant coursework and grade
  - Professor Joseph Ciminelli will review for approval
- Not Exempt – have taken courses in stats but not *probability* OR have not taken any stats or probability at all

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# Registration



- https://www.rochester.edu/registrar/

- UR Student
  - https://www.rochester.edu/urstudent/project/student/graduate-registration/

- Course Description/Course Schedule
  - https://cdcs.ur.rochester.edu/
  - Course Scheduler Extension

**Go to first day of class/get syllabus/see faculty**

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# Registration

- Registration is open now! Register before classes start!
- AS&E/SMD classes begin on Wednesday, AUGUST 26th
  - *Simon classes begin Monday, August 24th*
- **September 9th**: Online registration by 4PM or a late registration $160 fee will be charged.  This is also 100% tuition refund deadline.
- **September 16th**: Drop/Add/Audit deadline using paper form and advisor signature.
  - SWAP: Can switch out of one course to a different course (no fee)
  - DROP: It will not appear on transcript. But you will still pay 50% tuition
  - ADD: but you will pay for course + late fee
  - SWITCH AUDIT/CREDIT
- **After September 16th**:  Can only Withdraw from courses (W).  No additions.  No changes to audits. No refunds!

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# Registration

- Must be registered for at least 12* credit hours to be full-time (no more than 16)
  - Scholarship revoked if part-time
  - If doing 3 semesters, you can do less than 12 credits + DSC 897 in FINAL SEMESTER ONLY
  - * 10.5 to 11 credit hours acceptable if doing 3 courses.
- Must register for 15 credit hours per semester to confer in May 2021

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# Registration

- MUST REGISTER FOR 400 LEVEL (if cross-listed)
  - 200 level courses can't be counted in your program of study (POS)
- Pick DSC courses instead of CSC course if cross-listed.
- Do NOT register for "TCS" cross-listed courses.
- Most AS&E & SMD courses are 4 credits.  Some SMD are 3 credits.  Most SIMON courses are 2.5 credits.

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# Registration - Simon Courses

- Need a PAPER Registration.  Can't register online; must see Lisa to register.
- Courses are 2.5 credit hours and last 7 weeks.
- Cost more per credit hour, but you still get your tuition scholarship
- $2139/credit hour * 2.5 credits = $5,347.50    VS. $1784/credit hour * 4 credits = $7,136.00
- Simon is now on semester system (previously was quarter) but has 7-week courses. *http://www.simon.rochester.edu/registrar/registrar/academic-calendars/index.aspx*
    - Fall A: August 26 - October 22, 2020
    - Fall B: October 27 - December 18, 2020
    - Spring A: January 11 - March 4, 2021
    - Spring B: March 15 - May 6, 2021

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# Questions?

## lisa.altman@rochester.edu

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