#### Graduate Studies in Mathematics at KU

# Welcome!

# Math Graduate Program People

- Director of Graduate Studies: Prof. Jeremy Martin jlmartin@ku.edu, 618 Snow, 864-7114
- Graduate Advisor: Kate Pleskackate.pleskac@ku.edu, 433 Snow, 864-6653
- Office Manager: Gloria Prothe gprothe@ku.edu, 405 Snow, 864-3651
- ► GSO President: Abba Ramadan aramadan@ku.edu

## Program Timeline

- ➤ Years 1–2: pass qualifying exams ("quals") and early coursework
- Years 3–4: choose advisor, start research, complete advanced coursework, pass preliminary PhD exam ("prelim"), Responsible Scholarship training
- ➤ Years 5–6: continue research, pass comprehensive PhD exam ("oral comps"), write and defend dissertation, find a job

#### Quals

- As a first-year student, your main focus should be the qualifying exams.
- Each student must pass two quals by start of third year:
  - 1. either Algebra or Analysis, and
  - 2. either Numerical Analysis or Probability & Statistics.
- Quals are offered every August and January
- ► The best way to prepare: two-semester course sequences (727/728 PS; 765/766 AN; 781/782 NA; 790/791 AL)
- ▶ Study groups in department, led by senior grad students
- Archive of previous quals currently available from old department website (location may move)

## Beyond Quals

While your main focus should be the quals, you can also start planning for what comes next!

- Start thinking about research areas that interest you
- ➤ Talk to individual faculty (weekly department tea, Tue/Thu 3:30-4:00pm, Snow 406, is a great venue to talk informally with faculty and other graduate students)
- Attend bluecolloquium (Thursdays, 4–5pm, Snow 306) and perhaps a seminar

#### Resources for Students

- Kate, Jeremy, GSO
- ► Student Access Center (access.ku.edu): coordinates accommodations for students with disabilities
- Counseling and Psychological Services (caps.ku.edu): can help students with adjusting to grad school, anxiety/depression, stress, . . .
- ► COVID-19 information and resources: protect.ku.edu
- Many other campus resources for study skills, writing, recreation, etc.