

SPLH 620 The Communicating Brain: The Ultimate Personal Computer (3 credits)
Spring 2021 Syllabus

- Class Meetings: Tuesday & Thursday, 11:00 am – 12:15 pm
In-person instruction: Dole 2092
Online instruction: <https://kansas.zoom.us/j/99151394419>
Meeting ID: 991 5139 4419
Passcode: 303456
- Instructor: Panying Rong, Ph.D.; prong@ku.edu; 785-864-0053; Office: Dole 3046
Responsibilities: lectures, lead in-class activities, answer all course related questions
- Instructor Office Hours: Virtual office hours by appointment
- *Preferred Reference: Dr. or Professor Rong
She, her, hers
- GTA: Alondra Del Real; adelreal@kumc.edu; Office: Dole 3023
Responsibilities: grade assignments and exams, help with class activities, answer assignment and grade related questions
- GTA Office Hours: Virtual office hours by appointment
- *Preferred Reference: Ms. Del Real
She, her, hers
- Course Prerequisites: A 400-level course in SPLH or consent by instructor

*This course will be conducted in an atmosphere of mutual respect of all gender expressions and identities. Please address us as indicated by our preferred names and pronouns (as listed above). We were provided with a class roster with student names as they appear in enroll and pay. We will learn your name and pronoun preferences through a first day introductions.

Teaching Philosophy and/or Instructor Bio

I'm an Assistant Professor of Speech-Language-Hearing. My area of interest is acquired motor speech disorders. My research is focused on better understanding the neuromotor basis of speech decline in persons with neurological diseases such as amyotrophic lateral sclerosis and Parkinson's disease and developing novel technology-enabled automated measurement tools to improve the diagnosis, monitoring, and care of neuromotor speech disorders.

Course Description

This course introduces the study of human neuroscience with a particular focus on human communication. The course provides an overview of the relevant anatomical structures and function along with an introduction to the basic methods used to investigate nervous system function. Students are introduced to the study of perceptual, motor, and language function in the nervous system.

Why study neuroscience?

Our brain acts like a supercomputer that controls a variety of complex tasks including communication. If a part of the nervous system breaks down, it could impact communicative functions and in turn, result in speech, language, or hearing disorders. Understanding the neurological basis of speech,

language, and hearing will help us to identify the problem and determine the path to treatment when a communicative disorder happens. Thus, students who pursue a career in speech-language pathology or audiology will need a solid understanding of the nervous system to effectively serve their clients.

What's important?

Studying neuroscience isn't just memorizing terms and concepts. It is important to have a big picture of the nervous system in terms of its structures, organizations, and functions. During communication, a variety of neural structures are involved and they work in a cohesive way to achieve communicative functions. For example, when we speak, we move a variety of structures of our mouth and face (e.g., tongue, jaw, lips) to produce speech sounds. In order to move these structures, we need to activate a number of muscles, which act like springs to drive the movements of the speech organs. To determine which muscles should be activated, our brain generates the neural messages to control muscle activations. As can be seen from this example, speech production is a very complex process. To understand this process, various questions need to be addressed, including (1) how the brain generates neural messages; (2) how these neural messages are transmitted in the nervous system; and (3) how these neural messages are utilized to perform the desired speech tasks.

In this course, we will address these questions. Specifically, in the first part, we will learn the basics of neurophysiology, focusing on the fundamental units of the nervous system – nerve cells or neurons, and discuss how nerve cells work in order to generate and transmit neural messages. In the second part, we will address how the brain processes the neural messages that are generated in response to the stimuli in the environment in order to make sense of the world. This process, which is related to a variety of sensory functions such as hearing a sound, feeling a temperature change, and seeing an object, is called sensation. In the third part, we will discuss how the brain generates neural messages to control the movements of the body. This process, which is related to a variety of motor functions such as speaking, swallowing, breathing, heart beating, writing, and walking, is called motor control.

Communication is one of the many complex tasks controlled by the brain. It shares a lot of similar characteristics with other motor and sensory tasks. Thus, although the focus of this course is on communication, we will take a cohesive approach to understand the general framework of the nervous system and then apply this framework to solve problems related to communication disorders using a variety of clinical examples.

Learning Objectives

At the end of this course it is anticipated that students will be able to:

1. To provide an overview of the topography and structural organization of the neuroanatomical structures of the central and peripheral nervous systems.
2. Have a basic understanding of neuroanatomical structures and functions in health and disease, especially relating to communication.
3. To obtain a basic understanding of the techniques used in investigating neuroanatomical function.

Required Course Materials

1. *Required* readings will be assigned from Neuroscience Online: <https://nba.uth.tmc.edu/neuroscience/>. This online courseware will supplement the lectures, providing greater detail.
2. All course materials, beyond the required courseware, are available on Blackboard at <http://courseware.ku.edu>.

3. *Optional textbook*: Webster, D. B. (1999). Neuroscience of Communication, 2nd ed, Singular Publishing Group, Inc. This textbook is not required, but can provide additional resources.

Required Course Activities

1. ***On-line Quizzes (10% of final grade)***

Four scheduled online quizzes will assess student knowledge of key concepts from the lectures using a mixture of objective (multiple choice, matching, true/false) and short answer questions. All quizzes will be posted on Blackboard and should be completed by the due dates as specified in the course schedule. Note that the schedule for the quizzes is determined based on the course content, so they are not distributed uniformly throughout the semester. Students should complete all the quizzes on Blackboard independently.

*** If you cannot complete the on-line quizzes within the specified time frame, please communicate with me ahead of time.

2. ***In-class Random Quizzes/Activities (15% of final grade)***

Multiple in-class quizzes or activities will assess student knowledge of key concepts and the ability to apply these concepts to solve practical problems. Note that these quizzes/activities are NOT scheduled and will be announced in class randomly throughout the semester.

*** If you expect to miss a class, please contact me ahead of time.

3. ***On-line Assignments (25% of final grade)***

Ten assignments will be posted on Blackboard. Assignments will be short essay questions to assess student's understanding of course materials as well as critical thinking, problem-solving, and writing skills.

*** If you cannot complete the on-line assignments within the specified time frame, please communicate with me ahead of time.

4. ***On-line Exams (30% of final grade)***

Three topic exams are scheduled. All exams will be administered via Zoom in a single class period. Exams will consist of questions in objective formats (multiple choice, true/false, matching, labeling) as well as short answers to evaluate student's understanding of key terms and concepts from the lectures, reading assignments, quizzes, and in-class exercises.

*** If you cannot take the exams at the specified dates, please contact me ahead of time.

5. ***Final Project (20% of final grade)***

Final project will be announced in the fourth quarter of the semester. Final project will be completed by groups of 3-4 students in lieu of a final exam. Each group will complete an oral presentation and a written report for the final project.

Course Grade

The University has prescribed definitions for grades. The University Senate Rules and Regulations define grades in the following way <http://policy.ku.edu/governance/USRR#art2sect2para3>:

2.2.1.1 The grade of A will be reported for achievement of outstanding quality

2.2.1.2 The grade of B will be reported for achievement of high quality

2.2.1.3 The grade of C will be reported for achievement of acceptable quality

2.2.1.4 The grade of D will be reported for achievement that is minimally passing but at less than acceptable quality

2.2.2 The letters F, U (unsatisfactory), and NC (no credit) shall indicate that the quality of work was such that, to obtain credit, the student must repeat the regular work of the course

In this course, quality of achievement will be evaluated through points earned on on-line quizzes, in-class pop quizzes, on-line assignments, in-class exams, and final project. Points assigned for each requirement will be in-line with the above described scale. The relationship between percentage range and quality of achievement is as follows:

Percentage Range	Quality of Achievement	Final Letter Grade (GPA)
92.5%-100%	Outstanding	A (4.0)
90.0%-92.4%		A- (3.7)
87.5%-89.9%	High	B+ (3.3)
82.5%-87.4%		B (3.0)
80.0%-82.4%		B- (2.7)
77.5%-79.9%	Acceptable	C+ (2.3)
72.5%-77.4%		C (2.0)
70.0%-72.4%		C- (1.7)
67.5%-69.9%		D+ (1.3)
62.5%-67.4%	Minimal	D (1.0)
60.0%-62.4%		D- (0.7)
< 60.0%		Inadequate

Course Calendar

Date	Topic	Assessment
T 2/2	Syllabus and course introduction	
R 2/4	Neurons and glia	On-line assignment 1
T 2/9	Neuron signaling	
R 2/11	Sensory receptors	On-line Quiz 1 On-line assignment 2
T 2/16	Somatosensation	
R 2/18	Cranial nerves (sensory)	On-line assignment 3
T 2/23	Central processing	On-line assignment 4
R 2/25	Exam 1	
T 3/2	Auditory system	
R 3/4	Hearing loss, speech perception, and balance	
T 3/9	Vision, olfaction & taste	
R 3/11	Multisensory integration	On-line assignment 5
T 3/16	Exam 2	
R 3/18	Movement overview	
T 3/23	Cranial nerves (motor)	
R 3/25	Motor control: basal ganglia and cerebellum	On-line assignment 6
T 3/30	Speech motor control	
R 4/1	Motor speech disorders	On-line assignment 7
T 4/6	Blood supply	On-line Quiz 2
R 4/8	Language and brain	On-line assignment 8
T 4/13	Aphasia	
R 4/15	Exam 3	On-line assignment 9
T 4/20	Childhood disorders	
R 4/22	Memory	On-line Quiz 3
T 4/27	Experimental methods	
R 4/29	Final project presentation	On-line Quiz 4
T 5/4	Final project presentation	On-line assignment 10

Course Policies

The following policies are relevant to this course.

Safety, health and masks in the classroom

To protect all of us, everyone must wear a mask in the classroom as required by the [Protect KU Pledge](#) and by University policy. Violations of the mask policy in classrooms are treated as academic misconduct. If you come to class without a mask, I will ask you to put one on. If you do not put on a mask when asked, you will have to leave class. Violations will be reported, and consequences will follow, up to and including suspension from the course.

Physical distance: Keep your distance and follow seat markings. You can move around in our classroom, but please don't move the furniture.

Keep your hands clean: Get in the habit of using hand sanitizer when entering or exiting the room.

Sanitize your work area: As you enter, grab a sanitizing wipe and clean the surfaces you will touch.

Illness and classroom attendance

Please use the CVKey app for self-screening to help determine if you should attend in-person class activities. If you choose not to use the app or do not have a compatible device, please use the paper health assessment form. The app and the paper form are available at cvkey.ku.edu.

You will be given an excused absence from in-person class activities (no doctor's note required) if you answer yes to any of the questions in the app or on the paper form. Symptoms and other guidance in the app and on the paper form may change based on new federal, state and local health recommendations and requirements.

It is important that you spend the necessary time working in this course to achieve the expected outcomes by the end of the term. If you face challenges to fully participating at any time during the semester, please let me know, and please contact me if you expect to miss class. I am available and ready to support your success. Additionally, if you need to report an extended illness or serious accident, please contact Student Support and Case Management at course-adapt@ku.edu or 785-864-4060. A case manager will send email notifications to your instructor(s) on your behalf. When you are able, you will need to follow up with your professors to coordinate a temporary arrangement regarding missed instruction and coursework.

Alternative participation/make-up work

The knowledge and skills you will gain in this course highly depend on your participation in class learning activities. Because we are in the middle of a pandemic, this course does not require class attendance per se. This is because I would like students who are feeling ill will feel comfortable staying home to protect others. Instead, I will assess your participation in the class learning activities by asking you to submit a brief reflection on your take-aways from class on Blackboard. Students who are unable to attend class in-person will be provided the same materials and guidance (e.g., recorded lecture) and should plan to attend online class and discussion for that day. I do plan to track class attendance using the Qwickly Attendance tool in Blackboard, in order to help me be aware of how and when students are engaging in the course.

Accommodations

<http://access.ku.edu/syllabus-statement-0>

"The Academic Achievement and Access Center (AAAC) coordinates academic accommodations and services for all eligible KU students with disabilities. If you have a disability for which you wish to

request accommodations and have not contacted the AAAC, please do so as soon as possible. They are located in 22 Strong Hall and can be reached at 785-864-4064 (V/TTY). Information about their services can be found at <http://www.access.ku.edu>. Please contact me privately in regard to your needs in this course."

Religious Observances

<http://policy.ku.edu/governance/USRR#art1sect4>

Should the examination schedule for this course conflict with your mandated religious observance, please contact me at the beginning of the semester so that we can schedule a make-up exam at a mutually acceptable time. In addition, students will not be penalized for absence from regularly scheduled class activities which conflict with mandated religious observances. Students are responsible for initiating discussion with the instructor to reach a mutually acceptable solution.

Diversity, Equity, and Inclusion

The Department of Speech-Language-Hearing endorses and adheres to the College's statement on diversity, equity, and inclusion. Cultural and linguistic diversity are central to the field of speech-language-hearing and an integral part of clinical practice as an audiologist or speech-language pathologist. As a department, we strive to create an environment where differences are valued and respected, and all people have an equitable opportunity for success. We believe that all students benefit from training and experiences that will help them to learn, lead, and serve in an increasingly diverse society. Consequently, we are committed to enhancing the training we provide around cultural and linguistic diversity.

Civility and Respect

Civility and respect for the opinions of others are very important in an academic environment. It is likely you may not agree with everything that is said or discussed in the classroom. Courteous behavior and responses are expected at all times. When you disagree with someone, be sure that you make a distinction between criticizing an idea and criticizing the person. Expressions or actions that disparage a person's or race, ethnicity, nationality, culture, gender, gender identity / expression, religion, sexual orientation, age, disability, or marital, parental, or veteran status are contrary to the mission of this course and will not be tolerated.

Medical Crisis

<http://policy.ku.edu/governance/USRR#art1sect4>

Students with a verifiable medical crisis of a relative or friend may be excused from being present for scheduled examinations and tests. It is the responsibility of the student to initiate discussion with the instructor, prior to the examination/test if possible or as soon as possible after the event. The instructor and student shall come to a mutually agreeable method of making up the missed work.

Although the university policy on medical crisis only applies to friends or relatives of a student, I apply this policy to the students in my course. If you have a verifiable medical or personal crisis, please let me know as soon as possible so that we can work together to establish a schedule for making up missed work.

Academic Misconduct

Students should review the university policy on Academic conduct at:

<http://policy.ku.edu/governance/USRR#art2sect6>

Although on-line quizzes and on-line assignments are completed out of class, students must complete these assessments on their own. Submitting an assignment that is exactly the same as or is

highly similar to another current or former student's assignment is considered academic misconduct. Similarity between assignments will be monitored using Safe Assign in Blackboard.

Intellectual Property

<http://policy.ku.edu/provost/intellectual-property-policy>

Course materials prepared by the instructor, together with the content of all lectures and review sessions presented by the instructor are the property of the instructor. Video and audio recording of lectures and review sessions without the consent of the instructor is prohibited. On request, the instructor may grant permission for students to audio or video record lectures, on the condition that these recordings are only used as a study aid by the individual making the recording. Unless explicit permission is obtained from the instructor, recordings of lectures and review sessions may not be modified and must not be transferred or transmitted to any other person, whether or not that individual is enrolled in the course.

Commercial Note-Taking Ventures

Pursuant to the University of Kansas' [Policy on Commercial Note-Taking Ventures](#), commercial note-taking is not permitted in this course. Lecture notes and course materials may be taken for personal use, for the purpose of mastering the course material, and may not be sold to any person or entity in any form. Any student engaged in or contributing to the commercial exchange of notes or course materials will be subject to discipline, including academic misconduct charges, in accordance with University policy. Please note: note-taking provided by a student volunteer for a student with a disability, as a reasonable accommodation under the ADA, is not the same as commercial note-taking and is not covered under this policy.

Concealed Carry

Individuals who choose to carry concealed handguns **are solely responsible to do so in a safe and secure manner in strict conformity with [state and federal laws](#) and [KU weapons policy](#)**. Safety measures outlined in the KU weapons policy specify that a concealed handgun:

- Must be under the constant control of the carrier.
- Must be out of view, concealed either on the body of the carrier, or backpack, purse, or bag that remains under the carrier's custody and control.
- Must be in a holster that covers the trigger area and secures any external hammer in an uncocked position
- Must have the safety on, and have no round in the chamber.

Tests and Quizzes

Instructors are allowed by Kansas Board of Regents policy, to require backpacks, purses and other bags be placed back of classroom during exams and quizzes, and as such those items will not be under the constant control of the individual. Students who choose to carry a concealed handgun in a purse, backpack, or bag must review and plan each day accordingly, and are responsible for making alternate arrangements as necessary. The university does not provide appropriate secured storage for concealed handguns.

Individuals who violate the KU weapons policy may be asked to leave campus with the weapon and may face disciplinary action under the appropriate university code of conduct.

Individuals who violate the KU weapons policy may face disciplinary action under the appropriate university code of conduct, including dismissal from the course.

Resources

MySuccess

<http://blackboard.ku.edu/mysuccess-instructors>

This course participates in MySuccess, an early warning initiative at the University of Kansas to increase student retention. Throughout the academic term, you will receive a message from MySuccess through your official KU email address. MySuccess operates through Blackboard. Your instructor may communicate about your course performance by triggering a flag to indicate a low test or assignment score or a "kudos" for above average or improved performance. You may set up additional preferences and features by going to your profile tab.

MySuccess has additional features to help you be a successful student at KU. There is a Success Network that lists a directory of KU resources as well as an online appointment scheduler system that allows you to make appointments with your instructor or assigned academic advisor that have activated their calendars to work with MySuccess. For more information about MySuccess, please visit www.mysuccess.ku.edu and click on the Students tab.

Academic Achievement and Access Center

The Academic Achievement and Access Center (AAAC) offers many services and programs to assist students in their academic success and to enhance their collegiate experience at KU. Choose from learning strategy consultations, group workshops or general or course-specific academic assistance, by appointment or on a walk-in basis. SPLH students are highly encouraged to take advantage of these services to support their learning in this class (and others). AAAC Services include:

Individual consultations: for help with any aspect of success (time management, study skills, etc)
<https://achievement.drupal.ku.edu/consultations>

Tutoring for *any* class: <http://tutoring.drupal.ku.edu/> (Request or sign up during first 4-6 weeks of class)

List of classes with existing supplemental instruction:
<https://achievement.drupal.ku.edu/supplemental-instruction>

Academic success guides for many topics: time management, stress management, test taking, study tips, semester planning <http://achievement.ku.edu/success-guide>

Student Access Services for anyone needing accommodations: <http://access.ku.edu/>

University Career Center

The University Career Center (UCC) offers a wide range of quality services designed to support and challenge students at all points on the career development and implementation path.

University Career Center services include (<http://career.ku.edu>):

Work individually with someone from the career center on your resume, CV, cover letter, graduate school essay, internships, job search. Go to <http://career.ku.edu/appointments> to request an appointment.

The UCC can also help you:

1. Determine the right career through career assessments. Visit <http://career.ku.edu/assessments>.
2. Explore different major and career options. Visit <http://career.ku.edu/careersandmajors>.

3. Think about what experiences you can gain now to make you more employable later and more competitive for graduate school. Visit <http://career.ku.edu/cap>.
4. Find internships. Visit <http://career.ku.edu/internships>.
5. Find part-time jobs. Visit <http://career.ku.edu/ptjobs>. But also visit <https://sjobs.brassring.com/TGWebHost/home.aspx?partnerid=25752&siteid=5542> for on-campus part-time student jobs.

Finally, the UCC offers a number of career courses. Visit <http://career.ku.edu/courses> to learn more.

Counseling and Psychological Services

CAPS Personal Counseling Services can help students with issues related to adjusting to college and other psychological, interpersonal, and family problems. Individual and group sessions are available. Self-help resources also are available.

You can make an appointment by calling 785-864-CAPS. See <http://caps.ku.edu/appointments> for more information. The first visit usually lasts about 50 minutes. It is focused on understanding the nature of the concern and clarifying goals and expectations. Usually by the end of the first session an agreement is reached regarding the next steps to take. Most sessions cost \$15. In addition, you can visit the CAPS Self-Help Library at <http://caps.ku.edu/self-help-library> for info on many topics.

In addition, please contact your SPLH mentor (Becky Harris can provide contact information) if you are experiencing health or personal issues that are affecting your academic success. Your mentor can help you identify appropriate campus resources and also can help you make adjustments to your schedule (if needed).

See https://mediahub.ku.edu/media/CAPS+Overview/1_pf06qefg for a brief video about CAPS.

Bert Nash Community Mental Health Center

The Bert Nash Center is a nonprofit community mental health organization offering a wide range of outpatient services. It was founded in 1950 in memory of Dr. Bert Nash (1898-1947), a University of Kansas educational psychologist and community leader dedicated to improving the health of Kansas children. Today, the Center is a licensed, comprehensive mental health facility committed to providing research-based services to improve the lives of Douglas County residents. The Center provides a number of outpatient therapy options for adults and children, including individual and group therapy and several specialized services. For information on specific services, visit <https://bertnash.org/>.

Experiential Learning Certificates

Experiential Learning Certificates offer you a way to take ownership of your education and recognition for your learning both inside and outside of the classroom. All certificates require a combination of coursework, real-world experiences, and reflection. After you have completed a certificate, this accomplishment will be notated on your official KU academic transcript. All certificates are open to undergraduate students at KU from any major! They are great additions to your professional credentials that highlight your learning and experiences outside of the classroom.

Visit <https://experience.ku.edu/experiential-learning-certificates> to learn about the following certificates (*certificates are particularly relevant to SPLH majors and careers).

- *REP – Research Experience Program
- *CSL – Certificate for Service Learning
- *GAP – Global Awareness Program
- *LEAD – Leadership Engagement Certificate
- ARTS – Arts Engagement Certificate
- ENTR – Entrepreneurship Certificate

SUSTAIN – Sustainability Certificate

See also <http://splh.ku.edu/academics/degrees/ba/opportunities> for additional information about opportunities for learning outside the classroom.

Libraries

The libraries offer a variety of services to help you develop your ideas and find information for class projects. It's not just a building and a website. There are actual librarians who are experts in finding information and they are available to work with you one-on-one.

Library Services include (<https://lib.ku.edu>):

1. Ask a Librarian via chat, e-mail, text, or in-person at <https://lib.ku.edu/ask-librarian>
2. Check out video tutorials on searching, reading, saving, citing, and developing your topic at <https://lib.ku.edu/video-tutorials>
3. View the SPLH subject guide for tips and tricks specific to SPLH at <http://guides.lib.ku.edu/research>
4. Reserve a room for group study at <http://calendar.lib.ku.edu/>

Writing Center

Writers need feedback, sounding boards, and other people to coach them while they compose. That's where the KU Writing Center comes in. It's a place for productive talk about writing, with trained peer consultants to help you brainstorm, draft, and revise your projects. If you have a writing assignment in your SPLH class, take advantage of the services offered by the writing center EARLY.

Writing Center Services include (<http://writing.ku.edu>):

1. Work individually with someone from the writing center. Go to <http://writing.ku.edu/how-it-works> to learn about options and schedule an appointment. There is a LOT of flexibility including face-to-face consultations at campus locations, online consultations via text chat, audio chat, or video chat, written feedback without a meeting via eTutoring.
2. Find helpful writing resources on numerous topics at <http://writing.ku.edu/writing-guides>
3. Figure out how much work you need to do each week to finish your assignment on time via the assignment planner at <http://writing.ku.edu/assignmentPlanner>

Financial Aid

See <http://affordability.ku.edu/financialaid>. This Financial Aid and Scholarship Guide is a helpful overview of financial aid.

https://affordability.drupal.ku.edu/sites/affordability.drupal.ku.edu/files/documents/18AY%20Financial%20Aid%20Guide_0.pdf. Three common circumstances that you may need to address are:

1. Change in your income. If you want your financial aid re-evaluated because of a change in your income, this is a special circumstance re-evaluation. See https://affordability.drupal.ku.edu/sites/affordability.drupal.ku.edu/files/documents/18AY%20Special%20Circumstances%20Re-Evaluation%20Information%20Sheet_0.pdf
2. Added cost to your program. If you want your financial aid re-evaluated because you feel the original evaluation did not adequately reflect your cost (e.g., did not reflect cost of commuting between campuses, did not reflect added fees associated with the intercampus program), this is a budget adjustment request, also called a change in cost of attendance. See <https://affordability.drupal.ku.edu/sites/affordability.drupal.ku.edu/files/documents/18AY%20Budget%20Adjustment%20Request%20Form.pdf>.
3. "Emergency" loans. KU Endowment Association offers long-term and short-term loans. See <https://affordability.drupal.ku.edu/sites/affordability.drupal.ku.edu/files/documents/CURRENT%20KU%20Endowment%20Association%20Loan%20Program%202017-18AY.pdf> and <http://www.kuendowment.org/loans>

Office of Fellowships

The Office of Fellowships is a unit of Undergraduate Studies dedicated to guiding students through the process of applying for national scholarships and other funding opportunities. We also coordinate nominations for [eleven national fellowships](#) and serve as a resource for students and faculty across campus. See fellowships.ku.edu for more information.

Student Money Management Services

Student Money Management Services is committed to improving KU students' financial situations by empowering them to analyze their finances, make sound decisions, and commit to controlling their financial lives while at the University of Kansas and into the future. Visit <http://money.ku.edu/> to learn more and/or to schedule an appointment.

Childcare (Lawrence On-Campus)

Hilltop Child Development Center: Hilltop's primary mission is to provide convenient, high-quality care and education for the children of University of Kansas and Lawrence families, with a goal of helping student parents complete their KU education successfully. See <http://hilltop.ku.edu/> for more details including application.

Edna A. Hill Child Development Center: The Edna A. Hill Child Development Center (CDC) is operated by the [Department of Applied Behavioral Science \(ABS\)](#) within the [College of Liberal Arts and Sciences](#). Each year, approximately 60 children between the ages of 12 months through 7 years old are served in specially designed classrooms housed in Haworth Hall and the Dole Human Development Center. The CDC provides a full-day program for toddlers ([Sunnyside Toddler Program](#)) and two full-day programs for preschool-age children ([Educare I and II programs](#)). Both typically developing children and children with diverse abilities, developmental disabilities, language and cultural differences, and who are at-risk for behavioral problems attend these programs. See <http://cdc.ku.edu/> for more details including application.

Language Acquisition Preschool: The Language Acquisition Preschool (LAP) is a licensed program that serves children with and without communication disabilities. It is also a practicum placement site for students learning to use indirect intervention techniques within the classroom setting. Typically, one-third of each class consists of children with speech and language impairments, one-third have typical language development, and one-third are learning English as a second language. LAP is a three-hour a day, 4 day a week program (there is a morning class and an afternoon class serving 18 children in each class). The head teacher in the class is a speech-language pathologist, and the director of the program is Ana Paula G. Mummy, a trilingual speech-language pathologist. See <https://splh.ku.edu/language-acquisition-preschool> for more details. Contact Ana Paula Mummy regarding enrollment (anapaula_mummy@ku.edu).

Childcare (Off-Campus in Lawrence and Kansas City)

See <http://east.ks.childcareaware.org/pages/family.html> for help locating care and finding financial assistance for care. If you are a parent and you need to locate child care, we can help at no cost. Child Care Aware® of Eastern Kansas is regulated by the Kansas Department of Health and Environment to make child care referrals. We are the only regulated child care resource and referral agency in our service delivery area. Our services assist parents and child care providers alike. Our goals include empowering parents to recognize and choose high-quality child care, as well as to assist people in balancing work and family issues. We will help you:

- Learn which facilities are available the hours and times you need.
- Explore options on cost, transportation and types of child care facilities.

We supply tips on interviewing and selecting the best provider/facility for your child, as well as materials on parenting classes, support groups, activities for children and creative ways to encourage child development.

Student Health Services

Lawrence – Watkins Health Services -- <http://studenthealth.ku.edu/>. See https://mediahub.ku.edu/media/Watkins+-+Draft+4.m4v/1_gsnlau5a for a brief video about Watkins.

Recreation Services

Lawrence – KU Recreation Services -- <http://recreation.ku.edu/>

Student Organizations

Lawrence – Student Involvement and Leadership Center -- <https://silc.ku.edu/orgs>

Food Support

Daily Bread hosts the Campus Cupboard, KU's volunteer run food pantry, every Thursday from 4-7 PM. The cupboard operates out of the Lutheran Campus Ministry, located at 1421 W. 19th Street. The Campus Cupboard works to provide nutritious food to all members of the community. All KU students, faculty, staff, and community members not affiliated with KU are welcome.

Additional food assistance can be identified through Just Food <http://justfoods.org/need-food/>. Students also may qualify for the Supplemental Nutrition Assistance Program (SNAP) benefits. Visit <http://www.dcf.ks.gov/services/ees/Pages/Food/FoodAssistance.aspx>.

Ecumenical Campus Ministries (ECM) offers a Thursday lunch program (11:30-1) when KU classes are in session. Lunch donations (\$1-5) are appreciated but not required. See <http://ecmku.org/veggie-lunch/>.

Lawrence also supports a summer food program for children age 1-18. This is operated by the Parks and Recreation Department. <https://lawrenceks.org/lprd/sfp/> Adults accompanying children may purchase breakfast or lunch at a reduced rate. Children eat for free.

Emily Taylor Center for Women and Gender Equity

The ETC provides services, assistance, advocacy and support to campus community members of all genders. We provide presentations to classes and student organizations on topics related to gender, including, understanding gender/gender equity, healthy relationships, and/or men and masculinities. We also honor people who work towards gender equity through several of our programs like [Women's Hall of Fame](#) and [Men of Merit Reception](#). Lastly, we are here to always be a listening ear. We understand that college can be tough, and we are here to be a resource for the entire KU community. Visit <http://emilytaylorcenter.ku.edu/>.

Office of Diversity and Equity

There are many programs, support services, and resources to help all Jayhawks succeed in achieving their academic and professional goals. Visit <http://diversity.ku.edu/> to explore the student programs and support services that include many offices you can contact for help, and watch the short video clips to learn about Public Safety, Counseling and Psychological Services, and Watkins Health Services.

Office of Multicultural Affairs

The Office of Multicultural Affairs provides direction and services for current and prospective students from underrepresented populations. In addition, through collaborative partnerships we offer diversity education programs that foster inclusive learning environments for all students. Our programs and

services enhance the retention of successful matriculation of students, while supporting their academic and personal development. <http://oma.ku.edu/>

Center for Sexuality and Gender Diversity

- LGBTQIA+ organization and support services
- Programming and events
- Safe Zone Training
- Gender Inclusive Restrooms
- Name and Gender changes
- Academic resources, events and programming
- And much more! See <http://sgd.ku.edu/contact>

Nontraditional Student Services

For nontraditional students, life can often be quite complex, particularly student life, whether that is due to distance, multiple life roles, reduced time on campus, or simply the juggling act that goes along with being self-supporting. You might be asking yourself, am I a non-traditional student? Well, if you commute 10 or more miles to the Lawrence campus, have any dependents, a veteran, or three years older than your classmates (i.e. 21 year old freshman), then yes you are!

Nontraditional students are an important part of the diversity that makes KU a rich and interesting place. At the [Student Involvement and Leadership Center](#), we help ALL students explore their options, with special attention to non-traditional needs. While we can only give you a snapshot [here](#), more information and assistance is available in our office located on the fourth floor of the Kansas Union.

Lt. Gen William K. Jones Military-Affiliated Student Center

The KU Military-Affiliated Student Center is the University's centralized resource for all military-affiliated students.

We provide a variety of services to:

- discharged and retired veterans
- active duty military
- members of the National Guard and Reserves
- spouses and dependents of military and veterans
- Gold Star family members

Our goal is to enable you to succeed as you:

1. Transition to the University of Kansas campus;
2. Persist to graduation; and
3. Transition into your next chapter in life.

Visit <http://veterans.ku.edu> for more information

International Student Services

ISS provides an experienced immigration advising staff to help answer questions and process paperwork for maintaining legal student immigration status. ISS also provides a wide range of services and programs to help international students adjust to cultural life in Lawrence, Kansas. From a week long orientation program to ongoing programs to academic support for success, ISS is here to help our international students have a rewarding and fulfilling experience while at KU. Visit <http://iss.ku.edu> for more info.

Legal Services for Students

The purpose of LSS, which has been on campus since 1979, is to encourage students to seek the advice of an attorney in order to prevent legal difficulties and to provide assistance when students

anticipate or encounter legal problems. Legal Services for Students attorneys (or law students working under the supervision of an attorney) interview and advise students regarding legal matters. The office provides three major services: advice, representation and educational programs. Visit <http://legalservices.ku.edu/> for more info.

Ombuds Office

The University Ombuds office is a safe place where members of the University of Kansas community can seek [informal](#), [independent](#), [confidential](#) and [impartial](#) assistance in addressing conflicts, disputes, or complaints on an informal basis without fear of retaliation or judgment. The University Ombuds office adheres to the [International Ombudsman Association \(IOA\) Standards of Practice and Code of Ethics](#). (pdf)

The mission of The University of Kansas Ombuds Office is to ensure that all members of the university community receive fair and equitable treatment. The Ombuds Office carries out its mission via two complementary approaches: (1) receiving and attempting to resolve individual grievances on a confidential, informal basis; and 2) supporting systems change that advance the goal of a fair conflict management system.

The purpose of the Ombuds Office is to act as “an ear to the people” so every voice at The University of Kansas can be heard and receive impartial attention without fear of retaliation, loss of privacy, or judgment.

As an informal, independent, confidential "off-the-record" resource, conversations with the Ombuds Office do not serve as "notice" to the University. Visit <https://ombuds.ku.edu/> for more info.