REQUIRED EDUCATION FOR PERSONNEL WORKING UNDER GEORGIA STATE UNIVERSITY IACUC ANIMAL USE PROTOCOLS
Revised 1/11/2022

The completion and documentation of all training, including generic as well as species- and procedure-specific training, is required prior to approval of the animal protocol by the Institutional Animal Care and Use Committee. Targeted individuals include the principal investigator (PI), co-investigators, instructors, staff, students and others working with animals in association with this protocol. The online training modules must be repeated at three-year intervals.

Personnel amendments must be submitted through iRIS. Before adding new personnel, direct each person to log-in and log-out of the iRIS. This action is necessary for personnel to be added to the iRIS database. Enrollment in the database is required if personnel are to be added to any protocol in iRIS.

*To enroll in the AALAS Learning Library, go to link: https://aalaslearninglibrary.org and enroll using enrollment code “TrainingGSU”.

Click the Link below to Jump to the Species of Interest

- **Amphibians**
- **Birds**
- **Chinchillas**
- **Ferrets**
- **Fish**
- **Guinea Pigs**
- **Hamsters**
- **Mice**
- **Non-Human Primates**
- **Rabbits**
- **Rats**
- **Reptiles**

Personnel on Protocols Without Animal Exposure:

**Georgia State University Track for Personnel not Exposed to Animals** - This training is accessed in the AALAS Learning Library at https://aalaslearninglibrary.org. Once on the AALAS Learning Library site, enter your AALAS Learning Library username and password.* If you have not enrolled, please follow

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Working with the IACUC: Click on the “Libraries” link at the left of the page, select “Animal Care and Use Courses”. Click on “Compliance and IACUC Training” then click on the “Working with the IACUC” link. Completion of the course and passing the exam are required.

Ethical Decision-Making in Animal Research: Click on the “Libraries” link at the left of the page. Select “Animal Care and Use Courses”. Select “Bioethics” then “Ethical Decision-Making in Animal Research”. Completion of the courses and passing the exam are required.

Enroll in the Research Occupational Health and Safety Program (ROHSP). To do so, it is necessary to log into the Medical Monitoring Program for Vertebrate Animal Exposure (MMPVAE) site: https://mmpvae.gsu.edu. Log into the site using your GSU Campus ID and GSU Password. You will be directed to read an informational document and complete the MMPVAE Enrollment Form. Please note that enrollment in the program is mandatory. ** The MMPVAE site is not operational through internet explorer**

Training Program for Protocols Involving Amphibians:


- Introduction to Amphibians: Click on the “Libraries” link at the left of the page, select “Animal Care and Use Courses”. Click on “Species-Specific” and then “Introduction to Amphibians. Completion of the courses and passing the exam are required.
- Working with the IACUC: Click on the “Libraries” link at the left of the page, select “Animal Care and Use Courses”. Click on “Compliance and IACUC Training” then click on the “Working with the IACUC” link. Completion of the courses and passing the exam are required.
- Ethical Decision-Making in Animal Research: Click on the “Libraries” link at the top of the page, select “Animal Care and Use Courses”. Select “Bioethics” then “Ethical Decision-Making in Animal Research”. Completion of the courses and passing the exam are required.
- Enroll in the Research Occupational Health and Safety Program (ROHSP). To do so, it is necessary to log into the Medical Monitoring Program for Vertebrate Animal Exposure (MMPVAE) site: https://mmpvae.gsu.edu. You will be directed to read an informational document and complete the MMPVAE Enrollment Form. Follow the directions on the form for submission. Please note that enrollment in the program is mandatory. ** The MMPVAE site is not operational through internet explorer**
- Once the IACUC protocol approval letter has been received, please attend an animal facility orientation meeting. These seminars are offered on an as-needed basis. To schedule participation in an animal facility orientation meeting, please contact the Department of Animal Resources at 404-413-3560 or dar@gsu.edu. Orientation is not required for established users of the animal facility. Rather, the targeted individuals are those new to the GSU animal facilities.

If the Protocol Involves Pain or Survival Surgery:

- Georgia State University Surgery Track: Click on “Libraries”, then select “Animal Care and Use Courses”. Click on “Anesthesia, Analgesia, and Surgery”. This track consists of the following courses: “Aseptic Technique for Rodent Survival Surgery”, “Inhalation Anesthesia Systems for Rodents”, and “Pain Management in Laboratory Animals”. Completion of the courses and passing the exams are required. “Inhalation Anesthesia Systems” is NOT required for Amphibian Surgery.

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Training Program for Protocols Involving Birds


• Introduction to Birds: Click on the “Libraries” link at the left of the page, select “Animal Care and Use Courses”. Click on “Species-Specific” and then “Introduction to Birds. Completion of the courses and passing the exam are required.

• Working with the IACUC: Click on the “Libraries” link at the left of the page, select “Animal Care and Use Courses”, then click on “Compliance and IACUC Training” then click on the “Working with the IACUC” link. Completion of the courses and passing the exams are required.

• Ethical Decision-Making in Animal Research: click on the “Libraries” link at the top of the page. Select “Animal Care and Use Courses”. Select “Bioethics” then “Ethical Decision-Making in Animal Research”. Completion of the courses and passing the exam are required.

• Enroll in the Research Occupational Health and Safety Program (ROHSP). To do so, it is necessary to log into the Medical Monitoring Program for Vertebrate Animal Exposure (MMPVAE) site: https://mmpvae.gsu.edu. You will be directed to read an informational document and complete the MMPVAE Enrollment Form. Follow the directions on the form for submission. Please note that enrollment in the program is mandatory. **The MMPVAE site is not operational through internet explorer**

• Once the IACUC protocol approval letter has been received, please attend an animal facility orientation meeting. These seminars are offered on an as-needed basis. To schedule participation in an animal facility orientation meeting, please contact the Department of Animal Resources at 404-413-3560 or dar@gsu.edu. Orientation is not required for established users of the animal facility. Rather, the targeted individuals are those new to the GSU animal facilities.

If the Protocol Involves Pain or Survival Surgery:

• Bird module. “Guidelines to the Use of Wild Birds in Research,” published by the Ornithological Council (http://www.nmnh.si.edu/BIRDNET/guide/index.html). This link provides surgical procedures that should be reviewed if applicable.

Please send an e-mail to iacuc@gsu.edu verifying that you have completed the bird module.

• Georgia State University Surgery Track: Click on “Libraries”, then select “Animal Care and Use Courses”. Click on “Anesthesia, Analgesia, and Surgery”. This track consists of the following courses: “Aseptic Technique for Rodent Survival Surgery”, “Inhalation Anesthesia Systems for Rodents”, “Pain Management in Laboratory Animals”, and “Post-Procedure Care of Mice and Rats in Research: Minimizing Pain and Distress”. Completion of the courses and passing the exams are required.

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Training Program for Protocols Involving Chinchillas

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- **Introduction to Chinchillas**: Click on the “Libraries” link at the left of the page, select “Animal Care and Use Courses”. Click on “Species-Specific” and then “Introduction to Chinchillas”. Completion of the courses and passing the exam are required.
- **Working with the IACUC**: Click on the “Libraries” link at the left of the page, select “Animal Care and Use Courses”. Click on “Compliance and IACUC Training” then click on the “Working with the IACUC” link. Completion of the courses and passing the exams are required.
- **Ethical Decision-Making in Animal Research**: Click on the “Libraries” link at the top of the page, select “Animal Care and Use Courses”. Select “Bioethics” then “Ethical Decision-Making in Animal Research”. Completion of the courses and passing the exam are required.
- **Enroll in the Research Occupational Health and Safety Program (ROHSP)**. To do so, it is necessary to log into the Medical Monitoring Program for Vertebrate Animal Exposure (MMPVAE) site: https://mmpvae.gsu.edu. You will be directed to read an informational document and complete the MMPVAE Enrollment Form. Follow the directions on the form for submission. Please note that enrollment in the program is mandatory. **The MMPVAE site is not operational through internet explorer**
- Once the IACUC protocol approval letter has been received, please attend an animal facility orientation meeting. These seminars are offered on an as-needed basis. To schedule participation in an animal facility orientation meeting, please contact the Department of Animal Resources at 404-413-3560 or dar@gsu.edu. Orientation is not required for established users of the animal facility. Rather, the targeted individuals are those new to the GSU animal facilities.

If the Protocol Involves Pain or Survival Surgery:

- **Georgia State University Surgery Track**: Click on “Libraries”, then select “Animal Care and Use Courses”. Click on “Anesthesia, Analgesia, and Surgery”. This track consists of the following courses: “Aseptic Technique for Rodent Survival Surgery”, “Inhalation Anesthesia Systems for Rodents”, “Pain Management in Laboratory Animals”, and “Post-Procedure Care of Mice and Rats in Research: Minimizing Pain and Distress”. Completion of the courses and passing the exams are required.

Training Program for Protocols Involving Ferrets


- **Introduction to Ferrets**: Click on the “Libraries” link at the left of the page, select “Animal Care and Use Courses”. Click on “Species-Specific” and then “Introduction to Ferrets”. Completion of the courses and passing the exam are required.
- **Working with the IACUC**: Click on the “Libraries” link at the left of the page, select “Animal Care and Use Courses”. Click on “Compliance and IACUC Training” then click on the “Working with the IACUC” link. Completion of the courses and passing the exams are required.
• Ethical Decision-Making in Animal Research: Click on the “Libraries” link at the top of the page, select “Animal Care and Use Courses”. Select “Bioethics” then “Ethical Decision-Making in Animal Research”. Completion of the courses and passing the exam are required.

• Enroll in the Research Occupational Health and Safety Program (ROHSP). To do so, it is necessary to log into the Medical Monitoring Program for Vertebrate Animal Exposure (MMPVAE) site: https://mmpvae.gsu.edu. You will be directed to read an informational document and complete the MMPVAE Enrollment Form. Follow the directions on the form for submission. Please note that enrollment in the program is mandatory. **The MMPVAE site is not operational through internet explorer**

• Once the IACUC protocol approval letter has been received, please attend an animal facility orientation meeting. These seminars are offered on an as-needed basis. To schedule participation in an animal facility orientation meeting, please contact the Department of Animal Resources at 404-413-3560 or dar@gsu.edu. Orientation is not required for established users of the animal facility. Rather, the targeted individuals are those new to the GSU animal facilities.

If the Protocol Involves Pain or Survival Surgery:

• Georgia State University Surgery Track: Click on “Libraries”, then select “Animal Care and Use Courses”. Click on “Anesthesia, Analgesia, and Surgery”. This track consists of the following courses: “Aseptic Technique for Rodent Survival Surgery”, “Inhalation Anesthesia Systems for Rodents”, “Pain Management in Laboratory Animals”, and “Post-Procedure Care of Mice and Rats in Research: Minimizing Pain and Distress”. Completion of the courses and passing the exams are required.

Training Program for Protocols Involving Fish

Fish Training and Enrollment in the Occupational Health and Safety Program- This training is accessed in the AALAS Learning Library at https://aalaslearninglibrary.org. Once on the AALAS Learning Library site, enter your AALAS Learning Library username and password.* If you have not enrolled, please follow enrollment info found here: https://ursa.research.gsu.edu/files/2016/05/How-to-Enroll-in-the-AALAS-Learning-Library-10-2016.pdf.

• Working with Laboratory Zebrafish: Click on the “Libraries” link at the left of the page, select “Animal Care and Use Courses”. Click on “Species-Specific” and then “Working with Laboratory Zebrafish”. Completion of the courses and passing the exam are required.

• Working with the IACUC: Click on the “Libraries” link at the left of the page, select “Animal Care and Use Courses”. Click on “Compliance and IACUC Training” then click on the “Working with the IACUC” link. Completion of the courses and passing the exams are required.

• Ethical Decision-Making in Animal Research: Click on the “Libraries” link at the top of the page. Select “Animal Care and Use Courses”. Select “Bioethics” then “Ethical Decision-Making in Animal Research”. Completion of the courses and passing the exam are required.

• Enroll in the Research Occupational Health and Safety Program (ROHSP). To do so, it is necessary to log into the Medical Monitoring Program for Vertebrate Animal Exposure (MMPVAE) site: https://mmpvae.gsu.edu. You will be directed to read an informational document and complete the MMPVAE Enrollment Form. Follow the directions on the form for submission. Please note that enrollment in the program is mandatory. **The MMPVAE site is not operational through internet explorer**

• Once the IACUC protocol approval letter has been received, please attend an animal facility orientation meeting. These seminars are offered on an as-needed basis. To schedule participation in an animal facility orientation meeting, please contact the Department of Animal Resources at 404-413-3560 or dar@gsu.edu. Orientation is not required for established users of the animal facility. Rather, the targeted individuals are those new to the GSU animal facilities.

Species- and Procedure-Specific Training

Please send an e-mail to iacuc@gsu.edu verifying that you have reviewed the relevant sections

If the Protocol Involves Pain or Survival Surgery:

• Georgia State University Surgery Track: Click on “Libraries”, then select “Animal Care and Use Courses”. Click on “Anesthesia, Analgesia, and Surgery”. This track consists of the following courses: “Aseptic Technique for Rodent Survival Surgery”, “Inhalation Anesthesia Systems for Rodents”, “Pain Management in Laboratory Animals”, and “Post-Procedure Care of Mice and Rats in Research: Minimizing Pain and Distress”. Completion of the courses and passing the exams are required.

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Training Program for Protocols Involving Guinea Pigs

Guinea Pig Training and Enrollment in the Occupational Health and Safety Program- This training is accessed in the AAALAS Learning Library at  https://aalaslearninglibrary.org. Once on the AAALAS Learning Library site, enter your AAALAS Learning Library username and password.* If you have not enrolled, please follow enrollment info found here: https://ursa.research.gsu.edu/files/2016/05/How-to-Enroll-in-the-AAALAS-Learning-Library-10-2016.pdf.

• Introduction to Guinea Pigs: Click on the “Libraries” link at the left of the page, select “Animal Care and Use Courses”. Click on “Species-Specific” and then “Introduction to Guinea Pigs”. Completion of the courses and passing the exam are required.

• Working with the IACUC: Click on the “Libraries” link at the left of the page, select “Animal Care and Use Courses”. Click on “Compliance and IACUC Training” then click on the “Working with the IACUC” link. Completion of the courses and passing the exams are required.

• Ethical Decision-Making in Animal Research: Click on the “Libraries” link at the top of the page. Select “Animal Care and Use Courses”. Select “Bioethics” then “Ethical Decision-Making in Animal Research”. Completion of the courses and passing the exam are required.

• Enroll in the Research Occupational Health and Safety Program (ROHSP). To do so, it is necessary to log into the Medical Monitoring Program for Vertebrate Animal Exposure (MMPVAE) site: https://mmpvae.gsu.edu. You will be directed to read an informational document and complete the MMPVAE Enrollment Form. Follow the directions on the form for submission. Please note that enrollment in the program is mandatory. **The MMPVAE site is not operational through internet explorer**

• Once the IACUC protocol approval letter has been received, please attend an animal facility orientation meeting. These seminars are offered on an as-needed basis. To schedule participation in an animal facility orientation meeting, please contact the Department of Animal Resources at 404-413-3560 or dar@gsu.edu. Orientation is not required for established users of the animal facility. Rather, the targeted individuals are those new to the GSU animal facilities.

If the Protocol Involves Pain or Survival Surgery:

• Georgia State University Surgery Track: Click on “Libraries”, then select “Animal Care and Use Courses”. Click on “Anesthesia, Analgesia, and Surgery”. This track consists of the following courses: “Aseptic Technique for Rodent Survival Surgery”, “Inhalation Anesthesia Systems for Rodents”, “Pain Management in Laboratory Animals”, and “Post-Procedure Care of Mice and Rats in Research: Minimizing Pain and Distress”. Completion of the courses and passing the exams are required.
Training Program for Protocols Involving Hamsters


- **Introduction to Hamsters**: Click on the “Libraries” link at the left of the page, select “Animal Care and Use Courses”. Click on “Species-Specific” and then “Introduction to Hamsters”. Completion of the courses and passing the exam are required.
- **Working with the IACUC**: Click on the “Libraries” link at the left of the page, select “Animal Care and Use Courses”. Click on “Compliance and IACUC Training” then click on the “Working with the IACUC” link. Completion of the courses and passing the exams are required.
- **Ethical Decision-Making in Animal Research**: Click on the “Libraries” link at the top of the page. Select “Animal Care and Use Courses”. Select “Bioethics” then “Ethical Decision-Making in Animal Research”. Completion of the courses and passing the exam are required.
- **Enroll in the Research Occupational Health and Safety Program (ROHSP)**. To do so, it is necessary to log into the Medical Monitoring Program for Vertebrate Animal Exposure (MMPVAE) site: https://mmpvae.gsu.edu. You will be directed to read an informational document and complete the MMPVAE Enrollment Form. Follow the directions on the form for submission. Please note that enrollment in the program is mandatory. **The MMPVAE site is not operational through internet explorer**
- Once the IACUC protocol approval letter has been received, please attend an animal facility orientation meeting. These seminars are offered on an as-needed basis. To schedule participation in an animal facility orientation meeting, please contact the Department of Animal Resources at 404-413-3560 or dar@gsu.edu. Orientation is not required for established users of the animal facility. Rather, the targeted individuals are those new to the GSU animal facilities.

If the Protocol Involves Pain or Survival Surgery:

- **Georgia State University Surgery Track**: Click on “Libraries”, then select “Animal Care and Use Courses”. Click on “Anesthesia, Analgesia, and Surgery”. This track consists of the following courses: “Aseptic Technique for Rodent Survival Surgery”, “Inhalation Anesthesia Systems for Rodents”, “Pain Management in Laboratory Animals”, and “Post-Procedure Care of Mice and Rats in Research: Minimizing Pain and Distress”. Completion of the courses and passing the exams are required.

Training Program for Protocols Involving Mice


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- **Introduction to Mice**: Click on the “Libraries” link at the left of the page, select “Animal Care and Use Courses”. Click on “Species-Specific” and then “Introduction to Mice”. Completion of the courses and passing the exam are required.

- **Working with the IACUC**: Click on the “Libraries” link at the left of the page, select “Animal Care and Use Courses”. Click on “Compliance and IACUC Training” then click on the “Working with the IACUC” link. Completion of the courses and passing the exams are required.

- **Ethical Decision-Making in Animal Research**: Click on the “Libraries” link at the top of the page. Select “Animal Care and Use Courses”. Select “Bioethics” then “Ethical Decision-Making in Animal Research”. Completion of the courses and passing the exam are required.

- **ALAT 14: Euthanasia (2018)**: Click on the “Libraries” link at the top of the page. Select “Animal Care and Use Courses” then “AALAS Courses”. Select “ALAT Courses: 2018 ALAT Training Manual” then “ALAT14: Euthanasia (2018)”. Completion of the course and passing the exam are required.

- **AVMA Guidelines for the Euthanasia of Animals; 2020 Edition**: Click on the “Libraries” link at the top of the page, select “Animal Care and Use Courses” then “AALAS Courses”. Select “US Mandates and Guidelines” then “AVMA Guidelines for the Euthanasia of Animals; 2020 Edition”. Completion of the course and passing the exam are required.

- **Enroll in the Research Occupational Health and Safety Program (ROHSP)**. To do so, it is necessary to log into the Medical Monitoring Program for Vertebrate Animal Exposure (MMPVAE) site: https://mmpvae.gsu.edu. You will be directed to read an informational document and complete the MMPVAE Enrollment Form. Follow the directions on the form for submission. Please note that enrollment in the program is mandatory. **The MMPVAE site is not operational through internet explorer**

- **Once the IACUC protocol approval letter has been received, please attend an animal facility orientation meeting**. These seminars are offered on an as-needed basis. To schedule participation in an animal facility orientation meeting, please contact the Department of Animal Resources at 404-413-3560 or dar@gsu.edu. Orientation is not required for established users of the animal facility. Rather, the targeted individuals are those new to the GSU animal facilities.

**If the Protocol Involves Pain or Survival Surgery:**

- **Georgia State University Surgery Track**: Click on “Libraries”, then select “Animal Care and Use Courses”. Click on “Anesthesia, Analgesia, and Surgery”. This track consists of the following courses: “Aseptic Technique for Rodent Survival Surgery”, “Inhalation Anesthesia Systems for Rodents”, “Pain Management in Laboratory Animals”, and “Post-Procedure Care of Mice and Rats in Research: Minimizing Pain and Distress”. Completion of the courses and passing the exams are required.

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**Training Program for Protocols Involving Non-Human Primates**

**Non-Human Primate Training and Enrollment in the Occupational Health and Safety Program**: This training is accessed in the AAALAS Learning Library at https://aalaslearninglibrary.org. Once on the AAALAS Learning Library site, enter your AAALAS Learning Library username and password.* If you have not enrolled, please follow enrollment info found here: https://ursa.research.gsu.edu/files/2016/05/How-to-Enroll-in-the-AAALAS-Learning-Library-10-2016.pdf.

- **Introduction to Non-Human Primates**: Click on the “Libraries” link at the left of the page, select “Animal Care and Use Courses”. Click on “Species-Specific” and then “Introduction to Non-Human Primates”. Completion of the courses and passing the exam are required.

- **Working Safety with Nonhuman Primates in Biocontainment**: Click “Libraries” at top left of page, select “Animal Biosafety Training Program”. Then select “Animal Biosafety Species-Specific”, then click on “Working Safety with Nonhuman Primates in Biocontainment”. Completion of the course and passing the exam is required.

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• **Working with the IACUC**: Click on the “Libraries” link at the left of the page. Select “Animal Care and Use Courses”. Click on “Compliance and IACUC Training” then click on the “Working with the IACUC” link. Completion of the courses and passing the exams are required.

• **Ethical Decision-Making in Animal Research**: Click on the “Libraries” link at the top of the page. Select “Animal Care and Use Courses”. Select “Bioethics” then “Ethical Decision-Making in Animal Research”. Completion of the courses and passing the exams are required.

• Enroll in the Research Occupational Health and Safety Program (ROHSP). To do so, it is necessary to log into the Medical Monitoring Program for Vertebrate Animal Exposure (MMPVAE) site: [https://mmpvae.gsu.edu](https://mmpvae.gsu.edu). You will be directed to read an informational document and complete the MMPVAE Enrollment Form. Follow the directions on the form for submission. Please note that enrollment in the program is mandatory. **The MMPVAE site is not operational through internet explorer**

• Once the IACUC protocol approval letter has been received, please attend an animal facility orientation meeting. These seminars are offered on an as-needed basis. To schedule participation in an animal facility orientation meeting, please contact the Department of Animal Resources at 404-413-3560 or dar@gsu.edu. Orientation is not required for established users of the animal facility. Rather, the targeted individuals are those new to the GSU animal facilities.

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### Training Program for Protocols Involving Rabbits


- **Introduction to Rabbits**: Click on the “Libraries” link at the left of the page, select “Animal Care and Use Courses”. Click on “Species-Specific” and then “Introduction to Rabbits”. Completion of the courses and passing the exam are required.

- **Working with the IACUC**: Click on the “Libraries” link at the left of the page, select “Animal Care and Use Courses”. Click on “Compliance and IACUC Training” then click on the “Working with the IACUC” link. Completion of the courses and passing the exams are required.

- **Ethical Decision-Making in Animal Research**: Click on the “Libraries” link at the top of the page. Select “Animal Care and Use Courses”. Select “Bioethics” then “Ethical Decision-Making in Animal Research”. Completion of the courses and passing the exams are required.

- Enroll in the Research Occupational Health and Safety Program (ROHSP). To do so, it is necessary to log into the Medical Monitoring Program for Vertebrate Animal Exposure (MMPVAE) site: [https://mmpvae.gsu.edu](https://mmpvae.gsu.edu). You will be directed to read an informational document and complete the MMPVAE Enrollment Form. Follow the directions on the form for submission. Please note that enrollment in the program is mandatory. **The MMPVAE site is not operational through internet explorer**

- Once the IACUC protocol approval letter has been received, please attend an animal facility orientation meeting. These seminars are offered on an as-needed basis. To schedule participation in an animal facility orientation meeting, please contact the Department of Animal Resources at 404-413-3560 or dar@gsu.edu. Orientation is not required for established users of the animal facility. Rather, the targeted individuals are those new to the GSU animal facilities.

If the Protocol Involves Pain or Survival Surgery:

- **Georgia State University Surgery Track**: Click on “Libraries”, then select “Animal Care and Use Courses”. Click on “Anesthesia, Analgesia, and Surgery”. This track consists of the following courses: “Aseptic Technique for Rodent Survival Surgery”, “Inhalation Anesthesia Systems for Rodents”, “Pain Management in Laboratory Animals”, and “Post-Procedure Care of Mice and Rats in Research: Minimizing Pain and Distress”. Completion of the courses and passing the exams are required.

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Training Program for Protocols Involving Rats


- Introduction to Rats: Click on the “Libraries” link at the left of the page, select “Animal Care and Use Courses”. Click on “Species-Specific” and then “Introduction to Rats”. Completion of the courses and passing the exam are required.
- Working with the IACUC: Click on the “Libraries” link at the left of the page, select “Animal Care and Use Courses”. Click on “Compliance and IACUC Training” then click on the “Working with the IACUC” link. Completion of the courses and passing the exams are required.
- Ethical Decision-Making in Animal Research: Click on the “Libraries” link at the top of the page. Select “Animal Care and Use Courses”. Select “Bioethics” then “Ethical Decision-Making in Animal Research”. Completion of the courses and passing the exam are required.
- ALAT 14: Euthanasia (2018): Click on the “Libraries” link at the top of the page. Select “Animal Care and Use Courses” then “AALAS Courses”. Select “ALAT Courses: 2018 ALAT Training Manual” then “ALAT14: Euthanasia (2018)”. Completion of the course and passing the exam are required.
- Enroll in the Research Occupational Health and Safety Program (ROHSP). To do so, it is necessary to log into the Medical Monitoring Program for Vertebrate Animal Exposure (MMPVAE) site: https://mmpvae.gsu.edu. You will be directed to read an informational document and complete the MMPVAE Enrollment Form. Follow the directions on the form for submission. Please note that enrollment in the program is mandatory. **The MMPVAE site is not operational through internet explorer**
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If the Protocol Involves Pain or Survival Surgery:

- Georgia State University Surgery Track: Click on “Libraries”, then select “Animal Care and Use Courses”. Click on “Anesthesia, Analgesia, and Surgery”. This track consists of the following courses: “Aseptic Technique for Rodent Survival Surgery”, “Inhalation Anesthesia Systems for Rodents”, “Pain Management in Laboratory Animals”, and “Post-Procedure Care of Mice and Rats in Research: Minimizing Pain and Distress”. Completion of the courses and passing the exams are required.

Training Program for Protocols Involving Reptiles

• **Working with the IACUC:** Click on the “Libraries” link at the left of the page. Select “Animal Care and Use Courses”. Click on “Compliance and IACUC Training” then click on the “Working with the IACUC” link. Completion of the courses and passing the exams are required.

• **Ethical Decision-Making in Animal Research:** Click on the “Libraries” link at the top of the page. Select “Animal Care and Use Courses”. Select “Bioethics” then “Ethical Decision-Making in Animal Research”. Completion of the courses and passing the exam are required.

• Enroll in the Research Occupational Health and Safety Program (ROHSP). To do so, it is necessary to log into the Medical Monitoring Program for Vertebrate Animal Exposure (MMPVAE) site: [https://mmpvae.gsu.edu](https://mmpvae.gsu.edu). You will be directed to read an informational document and complete the MMPVAE Enrollment Form. Follow the directions on the form for submission. Please note that enrollment in the program is mandatory. **The MMPVAE site is not operational through internet explorer**

• Review of “Comfortable Quarters for Amphibians and Reptiles in Research Institutions,” Kreger, M.D. Division of Scientific Authority. U.S. Fish and Wildlife Service. [http://www.awionline.org/pubs/cq02/Cq-amph.html](http://www.awionline.org/pubs/cq02/Cq-amph.html). Please send an e-mail to iacuc@gsu.edu verifying that you have reviewed the relevant sections.

• Once the IACUC protocol approval letter has been received, please attend an animal facility orientation meeting. These seminars are offered on an as-needed basis. To schedule participation in an animal facility orientation meeting, please contact the Department of Animal Resources at 404-413-3560 or dar@gsu.edu. Orientation is not required for established users of the animal facility. Rather, the targeted individuals are those new to the GSU animal facilities.

**Species- and Procedure-Specific Training**

• If using reptile species, review [https://inpractice.bmj.com/content/35/3/123](https://inpractice.bmj.com/content/35/3/123) Assessing reptile welfare using behavioral criteria, Exotics.

Please send an e-mail to iacuc@gsu.edu verifying that you have reviewed the relevant sections.

If the Protocol Involves Pain or Survival Surgery:

• **Georgia State University Surgery Track:** Click on “Libraries”, then select “Animal Care and Use Courses”. Click on “Anesthesia, Analgesia, and Surgery”. This track consists of the following courses: “Aseptic Technique for Rodent Survival Surgery”, “Inhalation Anesthesia Systems for Rodents” and “Pain Management in Laboratory Animals”. Completion of the courses and passing the exams are required.

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