

Lowell L. Sanders

*Clinical Associate Professor · Department of Health Sciences
Byrdine F. Lewis College of Nursing and Health Professions
Georgia State University*

I. Education

Mercer University College of Pharmacy, Atlanta, GA Sep 2012 - May 2016
Doctor of Pharmacy

Freed-Hardeman University, Henderson, TN May 2003 - May 2005
Master of Education in Curriculum & Instruction

Freed-Hardeman University, Henderson, TN Aug 1995 - May 2000
Bachelor of Science in Biology

II. Professional Licensure

Healthcare Information and Management Systems Society Apr 2021 - Apr 2027
Certified Associate in Healthcare Information and Management Systems

Florida Department of Health, Division of Medical Quality Assurance Mar 2017 - present
Pharmacist License #PS56133

III. Work History

Georgia State University, Atlanta, GA Aug 2017 - present
Clinical Associate Professor, Health Informatics

The Medical Affairs Company, Kennesaw, GA Aug 2016 - Aug 2017
Medical Information Specialist

Encompass Rx, Atlanta, GA Dec 2015 - Jun 2016
Pharmacist Intern

Kaplan University, remote Aug 2008 - Jul 2012
Clinical Placement Manager

IV. Instruction

Scheduled Teaching

Summer 2024

HS 4025, COMP & ALT PHARMACOLOGY HEALTH, 20 students

Curriculum Vitae

Spring 2024

HI 7270, INTRO TO HEALTHCARE PROJ MGT, 46 students
HI 4270, PROJECT MGT HEALTH INFORMATICS, 38 students
HS 4025, COMP & ALT PHARMACOLOGY HEALTH, 28 students
HS 3120, INTRO PHARMACOLOGY HLTH PROF, 43 students

Fall 2023

HI 4680, SECURITY PRIVACY HEALTHCARE, 36 students
HS 3120, INTRO PHARMACOLOGY HLTH PROF, 30 students
HI 7560, HEALTH INFORMATION SECURITY, 32 students
HS 8080, TEACHING IN HEALTH PROF, 3 students

Summer 2023

HS 4025, COMP & ALT PHARMACOLOGY HEALTH, 17 students

Spring 2023

HI 7270, INTRO TO HEALTHCARE PROJ MGT, 26 students
HI 4112, TELEHEALTH APPLICATIONS, 29 students
HI 4270, PROJECT MGT HEALTH INFORMATICS, 14 students
HI 4270, PROJECT MGT HEALTH INFORMATICS, 16 students
HS 4025, COMP & ALT PHARMACOLOGY HEALTH, 35 students

Fall 2022

CNHP 4112, TELEHEALTH APPLICATIONS, 42 students
CNHP 4680, SECURITY PRIVACY HEALTHCARE, 16 students
CNHP 4680, SECURITY PRIVACY HEALTHCARE, 12 students
CNHP 7560, HEALTH INFORMATION SECURITY, 38 students
CNHP 8080, TEACHING IN HEALTH PROF, 5 students

Spring 2022

CNHP 3106, INFO SYSTEMS & PUBLIC HEALTH, 17 students
CNHP 4112, TELEHEALTH APPLICATIONS, 31 students
CNHP 4270, PROJECT MGT HEALTH INFORMATICS, 28 students
CNHP 4270, PROJECT MGT HEALTH INFORMATICS, 18 students

Fall 2021

CNHP 4110, TELEHEALTH-CTW, 46 students
CNHP 4680, SECURITY PRIVACY HEALTHCARE, 17 students
CNHP 4680, SECURITY PRIVACY HEALTHCARE, 31 students
CNHP 7560, HEALTH INFORMATION SECURITY, 18 students
CNHP 4025, COMP & ALT PHARMACOLOGY HEALTH, 20 students

Spring 2021

CNHP 3105, HEALTH PROMOTION AND EHR, 31 students
CNHP 4110, TELEHEALTH-CTW, 30 students
CNHP 4270, PROJECT MGT HEALTH INFORMATICS, 28 students
CNHP 4270, PROJECT MGT HEALTH INFORMATICS, 23 students

Curriculum Vitae

Fall 2020

CNHP 4110, TELEHEALTH-CTW, 35 students
CNHP 4680, SECURITY PRIVACY HEALTHCARE, 22 students
CNHP 4680, SECURITY PRIVACY HEALTHCARE, 28 students
CNHP 7560, HEALTH INFORMATION SECURITY, 20 students

Spring 2020

CNHP 3105, HEALTH PROMOTION AND EHR, 28 students
CNHP 4110, TELEHEALTH-CTW, 12 students
CNHP 4270, PROJECT MGT HEALTH INFORMATICS, 25 students
CNHP 4270, PROJECT MGT HEALTH INFORMATICS, 12 students
HON 1000, HONORS SEMINAR, 17 students

Fall 2019

CNHP 4110, TELEHEALTH-CTW, 25 students
CNHP 4680, SECURITY PRIVACY HEALTHCARE, 25 students
CNHP 4680, SECURITY PRIVACY HEALTHCARE, 12 students
CNHP 2050, INTRODUCTION TO HEALTH SCIENCES, 3 students

Spring 2019

CNHP 3105, HEALTH PROMOTION AND EHR, 26 students
CNHP 4110, TELEHEALTH-CTW, 25 students
CNHP 4270, PROJECT MGT HEALTH INFORMATICS, 25 students
CNHP 4270, PROJECT MGT HEALTH INFORMATICS, 29 students

Fall 2018

CNHP 4110, TELEHEALTH-CTW, 29 students
CNHP 4680, SECURITY PRIVACY HEALTHCARE, 29 students
CNHP 4680, SECURITY PRIVACY HEALTHCARE, 26 students
HON 1000, HONORS SEMINAR, 14 students

Spring 2018

SNHP 3105, HEALTH PROMOTION AND EHR, 29 students
SNHP 4110, TELEHEALTH-CTW, 33 students
SNHP 4270, PROJECT MGT HEALTH INFORMATICS, 45 students
SNHP 4270, PROJECT MGT HEALTH INFORMATICS, 30 students

Fall 2017

SNHP 4110, TELEHEALTH-CTW, 43 students
SNHP 4680, SECURITY PRIVACY HEALTHCARE, 35 students

Non-credit Instruction

HS 8085: Teaching in Health Professions II. Guest lecture,
'Organization and Time Management for Academic Professionals.'

Apr 6, 2023

HS 4125: Caring for the Community. Guest lecture, how pharmacy
approaches and addresses community health.

Mar 30, 2023

Curriculum Vitae

OT 7110: Mental Health. Guest lecture, nervous system pharmacology.	Mar 28, 2023
OT 7110: Mental Health. Guest lecture, nervous system pharmacology.	Apr 13, 2022
OT 7110: Mental Health. Guest lecture, nervous system pharmacology.	Jul 6, 2021
OT 7110: Mental Health. Guest lecture, nervous system pharmacology.	Jul 14, 2020
OT 8100: Health Services in OT. Guest lecture, the use of telehealth in occupational therapy.	Nov 14, 2019
Panther Preview Program. Mock lecture for prospective students.	Nov 1, 2019
GSU 1010: New Student Orientation. Guest lecture, health informatics.	Oct 28, 2019
CNHP 4250: Entrepreneurship in Health Informatics. Coordinated College to Career guest lecture.	Oct 16, 2019
CNHP 3100: Electronic Health Records. Guest lecture, health informatics and electronic health record systems. College to Career initiative.	Mar 11, 2019
CNHP 2050: Introduction to Health Sciences. Guest lecture, the profession of pharmacy.	Oct 18, 2018
GSU 1010: New Student Orientation. Guest lecture, health informatics.	Oct 11, 2018
GSU 1010: New Student Orientation. Guest lecture, health informatics.	Oct 9, 2018
CNHP 3100: Electronic Health Records. Guest lecture, health informatics and electronic health record systems. College to Career initiative.	Oct 1, 2018

Student Advisement

Individual undergraduate student advising session.	Feb 16, 2023
Student Awards and Certifications via Directed Activity. First and second place winners of the 2019 Telehealth Shark Tank received a study guide and scholarship to prepare for and take the CAHIMS certification exam. All three students passed the exam.	2019 - 2020

Directed Student Learning

Revised the process for facilitating asynchronous discussion boards. Divided each class into groups that alternated responding to the prompt and the post of two other students from week to week.	Aug - Dec 2022
--	----------------

Curriculum Vitae

Revised the process for facilitating asynchronous discussion boards. Divided each class into groups (1A and 1B, 2A and 2B) that alternated responding to the prompt and the post of a student in the corresponding group from week to week. Aug - Dec 2021

Pedagogical Activities

HI 4680: Security and Privacy through Healthcare Technology. Conversion of course to a completely online format. Aug - Dec 2023

HI 7560: Health Information Security. Course redesign involving weekly meetings with CETLOE designer throughout spring 2023 semester. Jan - May 2023

V. Scholarship & Professional Development

Publications, Grants, & Other Intellectual Contributions

Sanders, L., & Scales, S. (2024, November 25). A Look at the Good and Bad of AI in Higher Education with Special Considerations for Health Professions Programs. *Healthcare Information and Management Systems Society, Inc.* <https://gkc.himss.org/resources/look-good-and-bad-ai-higher-education-special-considerations-health-professions-programs> Nov 25, 2024

HS 3120: Introduction to Pharmacology for Health Professions. Course creation. Devoted 30-35 hours weekly throughout duration of fall 2023 semester to research various resources, current literature, and clinical guidelines in order to develop content [PPT slides, recorded lectures, assignments, discussion board prompts, assessments, etc.] appropriate for undergraduate students. Aug - Dec 2023

CNHP 8080: Teaching in Health Professions. Created and developed all course content. Aug - Dec 2022

Sanders, L. (2021, June 9). The Power of the PDMP for Clinical Decision-Making. *Healthcare Information and Management Systems Society, Inc.* <https://www.himss.org/resources/power-pdmp-clinical-decision-making> Jun 9, 2021

CNHP 7560: Healthcare Information Security. Developed graduate course. Aug 2020 - Dec 2020

CETL Mini-grant: College to Career Track, sponsored by the Center for Excellence in Teaching & Learning. Proposal accepted to create, organize, and facilitate two events for students in the Health Informatics Program, 'Telehealth Shark Tank' and 'Health Informatics Round-table Symposium.' **Received a \$2,500.00 grant* Aug 2019 - Jun 2020

Curriculum Vitae

- Health Informatics Round-table Symposium: Groups of students students rotated through a series of round-tables featuring alumni giving indispensable advice based on their career success, Career Service representatives providing resume critiques, and Health Informatics faculty engaging students with impromptu mock interview questions. Sep 24, 2019
 - Telehealth Shark Tank: Students presented original but theoretical designs of a telehealth app or article of smart clothing before a live audience and panel of sharks in Cinefest. The first place winner received a copy of the Healthcare Information Technology Exam Guide for CHTS and CAHIMS Certifications and a stipend to register for the CAHIMS certification exam. Second place winners received a copy of the Healthcare Information Technology Exam Guide for CHTS and CAHIMS Certifications. Sep 23, 2019
- College to Career Student Success Initiative, sponsored by the Lewis College. Proposal accepted to develop and implement two additional modules for Health Informatics program courses. **Received a \$2,000.00 grant* Aug 2019 - Jun 2020
- Material Regarding New Courses/Curricula: CNHP 4110 College to Career Module. Developed and implemented module into course for Phase II of College to Career Student Success Initiative. Aug 2019 - Jun 2020
 - Material Regarding New Courses/Curricula: CNHP 4250 College to Career Module. Developed and implemented module into course for Phase II of College to Career Student Success Initiative. Aug 2019 - Jun 2020
- College to Career Faculty Fellow, sponsored by the Lewis College. Recruited as a Health Informatics faculty member to develop and implement two College to Career modules. Content was integrated into two courses the following academic year. **Received a \$2,000.00 grant* Aug 2018 - Jun 2019
- Material Regarding New Courses/Curricula: CNHP 3100 College to Career Module. Developed and implemented module into course. Aug 2018 - Jun 2019
 - Material Regarding New Courses/Curricula: CNHP 4680 College to Career Module. Developed and implemented module into course. Aug 2018 - Jun 2019
- HON 1000: Being a Savvy Drug User. Course proposal submitted and accepted by Honors College to be developed. Subsequently taught during Fall 2018 and Spring 2020. **Received a \$1,500.00 grant each semester* Jan 2020 - May 2020
Aug 2018 - Dec 2018

Professional Presentations

- Poster Presentation: The Impact of Prescription Drug Monitoring Programs on Patient Outcomes. HIMSS19 Annual Conference & Feb 13, 2019

Curriculum Vitae

Exhibition, Orlando, FL. Sponsored by the Healthcare Information and Management Systems Society. **Received \$825.00 paid conference registration*

Past Scholarship Endeavors

Lewis College Teacher-Scholar Academy: Evaluating the Effectiveness of Mapping Student Learning Objectives to Course Activities and Assignments. Strategic mapping of course activities to student learning objectives in CNHP 3105, CNHP 4110, and CNHP 4680 followed by student survey of effectiveness. Received IRB approval. Data was collected for analysis. Aug 2019 - Apr 2023

Lewis College Teacher-Scholar Academy: Improving Student Evaluation of Instructor Scores. Administered mid-semester evaluations that mirrored end-of-term evaluations in CNHP 4110. Aug 2019 - Apr 2021

Other Proposals Submitted

“RT Telehealth Feasibility Study,” sponsored by Lewis College Intramural NTT Grants. Murray, R., Culbreth, R., Gardenhire, D., Zimmerman, R., Frederick, L., Shan, S., Truss, C., Sanders, L. Nov 1, 2020

“Innovations in Health Informatics Education,” poster proposal submitted for the HIMSS20 Annual Conference & Exhibition, Orlando, FL. Sep 30, 2019

HON 1000: Drug-Inspired. Course proposal submitted to the Honors College. Jan 2019

Professional Development Activities

Online Seminar: Virtual Exchange, sponsored by the International Committee and Faculty Advisory Committee. Oct 12, 2023

Conference: HIMSS23 Annual Conference & Exhibition, sponsored by the Healthcare Information and Management Systems Society, Chicago, IL. Apr 17-21, 2023

Online Workshop: Regular Substantive Interaction and Online Education Reporting Requirements, sponsored by CETLOE. Apr 12, 2023

Online Seminar: A New Degree for Health Informatics Leaders, sponsored by the Healthcare Information and Management Systems Society. Feb 23, 2023

Online Workshop: Regular & Substantive Interaction (RSI) in Online Teaching, sponsored by CETLOE. Aug 4, 2022

Curriculum Vitae

Virtual Conference: HIMSS22 Annual Conference & Exhibition, sponsored by the Healthcare Information and Management Systems Society.	Mar 14-18, 2022
Lunch and Learn Workshop: Academic Integrity, Atlanta, GA.	Mar 9, 2022
Lunch and Learn Workshop: Pedagogical and Technological Strategies to Enhance Online Student Learning and Engagement, Atlanta, GA.	Nov 4, 2021
Lewis College Seminar Series: Leveraging Artificial Intelligence to Drive Evidence-Based Patient Care, presented by Janhavi Punyarthi, Marketing Director at InpharmD.	Sep 22, 2021
Virtual Conference: HIMSS21 Annual Conference & Exhibition, sponsored by the Healthcare Information and Management Systems Society.	Aug 9-13, 2021
Faculty Tutorial: Portfolium Training, sponsored by the Lewis College, Atlanta, GA.	Oct 16, 2019
Workshop: Veterans Affairs Regional Telehealth Services Summit, sponsored by the Veterans Affairs, College Park, GA.	Aug 21, 2019
Lewis College Teacher-Scholar Academy Workshop, sponsored by the Lewis College Teacher-Scholar Academy, Atlanta, GA.	Apr 2, 2019
Lunch and Learn Workshop: Medical Errors, Atlanta, GA.	Feb 27, 2019
Conference: HIMSS19 Annual Conference & Exhibition, sponsored by the Healthcare Information and Management Systems Society, Orlando, FL.	Feb 11-15, 2019
Workshop: Veterans Affairs Regional Telehealth Services Summit, sponsored by the Veterans Affairs, Atlanta, GA.	Sep 13-14, 2018
Conference: HIMSS18 Annual Conference & Exhibition, sponsored by the Healthcare Information and Management Systems Society, Las Vegas, NV.	Mar 5-9, 2018
Conference: Health IT Leadership Summit, sponsored by the Technology Association of Georgia, Atlanta, GA.	Nov 7, 2017
Lunch and Learn Workshop: Teaching Tips - Inspiration, Atlanta, GA.	Nov 3, 2017
Workshop: Veterans Affairs Regional Telehealth Services Summit, sponsored by the Veterans Affairs, Duluth, GA.	Oct 26-27, 2017
Conference: Georgia HIMSS 2017 Annual Conference, Atlanta, GA.	Oct 7, 2017

Curriculum Vitae

Lunch and Learn Workshop: Teaching Tips, Atlanta, GA. Sep 8, 2017

VI. Service

Academic Unit

Revised/updated the Admissions Points System Form used by the BIS HI program admissions committee. Dec 2023

Facilitator, Health Informatics Program Information Session. Nov 16, 2023

Facilitator, Health Informatics Program Information Session. Nov 6, 2023

Facilitator, Health Informatics Program Information Session. Oct 19, 2023

Facilitator, Health Informatics Program Information Session. Oct 4, 2023

Organizer and Facilitator, Health Informatics 10-year Celebratory Networking Reception. Sep 28, 2023

Facilitator, S.H.I.A. officer training on the use, organization, and creation of Google documents and forms as the record/file system of the student organization. Sep 26, 2023

Facilitator, Health Informatics Program Information Session. Sep 19, 2023

Committee Chair, Department of Health Sciences Unit-level Committee for NTT Promotion. Sep - Oct 2023

Assisted Department Chair with annual assessment in TaskStream. Sep 2023

Reviewed scholarship applications for the Denise W. Hines Scholarship in Health Informatics. Aug 18-25, 2023

Faculty Participant, Health Informatics graduate program orientation. Aug 10, 2023

Organizer & Facilitator, Health Informatics BIS program asynchronous orientation. Organized online content, reviewed student progress, and collected 'receipt of student handbook.' Aug 2023

Application Reviewer, BIS HI program admissions committee. Jun 2023 - present

Health Informatics program Advisory Board meeting participant. May 4, 2023

Announced the names of award recipients from the Department of Health Sciences on Honors Day. Mar 29, 2023

Curriculum Vitae

Committee Member, Department of Health Sciences Unit-level Committee for Three-year Structured Review.	Mar - Apr 2023
Health Informatics program Advisory Board meeting participant.	Jan 26, 2023
Faculty Participant, Health Informatics graduate program orientation.	Jan 5, 2023
Faculty Participant, Health Informatics BIS program orientation.	Jan 5, 2023
Health Informatics program Advisory Board meeting participant.	Sep 29, 2022
Provided information about the Health Informatics BIS program to prospective students at the Honors College Mini-Fair.	Feb 18, 2022
Health Informatics program Advisory Board meeting participant.	Jan 27, 2022
Faculty Participant, Health Informatics graduate program orientation.	Jan 13, 2022
Faculty Participant, Health Informatics BIS program orientation.	Jan 6, 2022
Made closing remarks, Health Informatics: Interdisciplinary Skills Needed in an Interdisciplinary Market.	Oct 14, 2021
Facilitator, Health Informatics Program Information Session.	Sep 15, 2021
Faculty Participant, Health Informatics BIS program orientation.	Aug 17, 2021
Creator, SharePoint site to house College to Career modules for Health Informatics BIS program.	Aug 2021 - Jan 2022
Assisted the Health Informatics Program Director with the 2020-2021 assessment cycle Assessment Plan (assessment methods and targets of student learning outcomes).	May 2021
Faculty Recruitment, Participated in an interview to recruit a new faculty member for the Health Informatics program.	Apr 1, 2021
Faculty Recruitment, Participated in an interview to recruit a new faculty member for the Health Informatics program.	Mar 25, 2021
Facilitator, Health Informatics Program Information Session.	Mar 25, 2021
Facilitator, Health Informatics Program Information Session.	Feb 16, 2021
Facilitator, Health Informatics Program Information Session.	Oct 7, 2020
Facilitator, Health Informatics Program Information Session.	Apr 16, 2020

Curriculum Vitae

Facilitator, Health Informatics Program Information Session.	Apr 7, 2020
Assisted the Health Informatics Program Director with the development of a student assessment based on learning outcomes of the Health Informatics program; piloted with the Fall 2018 cohort as part of the Capstone course.	Feb 2020 - May 2020
Created and organized 'A Chat with the Pros' speaker series for members of the Student Health Informatics Association.	Feb 2020 - present
Facilitator, Health Informatics Program Information Session.	Feb 6, 2020
Facilitator, Food drive for Panther's Pantry whereby S.H.I.A. collected 118 food items.	Nov 2019
Faculty Advisor, Pre-Health Majors Fair.	Oct 29, 2019
Facilitator, Health Informatics Program Information Session.	Oct 16, 2019
Facilitator, Health Informatics Program Information Session.	Sep 26, 2019
Creator, Organizer, & Facilitator of Event, 'Health Informatics Round-table Symposium.'	Sep 24, 2019
Creator, Organizer, & Facilitator of Event, 'Telehealth Shark Tank.'	Sep 23, 2019
Presenter at Health Informatics Program Advisory Board Meeting	Sep 5, 2019
Attended student intern presentations at Patientory Inc. to maintain the professional relationship between Patientory and the Health Informatics program.	Jul 24, 2019
Initiated contact with Patientory and facilitated procurement of MOU to provide internship opportunities for students in the Health Informatics program.	Apr 2019
Faculty Advisor, CNHP Open Advisement Session.	Mar 7, 2019
Facilitator, Joint effort food drive of S.H.I.A. and Nutrition Student Network that collected nearly 200 food items for Panther's Pantry.	Nov 2018
Faculty Advisor, CNHP Open Advisement Session.	Nov 1, 2018
Faculty Advisor, Pre-Health Meta Major Advisement Session.	Mar 22, 2018

Curriculum Vitae

College

Committee Chair & Facilitator, Student Services Committee Spring Meeting.	Feb 21, 2023
Committee Chair & Facilitator, Student Services Committee Spring Meeting.	Feb 25, 2022
Introduction of Speaker for Lewis College Seminar Series. Introduced Janhavi Punyarthi, Marketing Director at InpharmD, “Leveraging Artificial Intelligence to Drive Evidence Based Patient Care.”	Sep 22, 2021
Faculty Judge, Lewis College Graduate Research Conference.	Apr 12, 2021
Granted full status as Graduate Professional Faculty.	Apr 2021 - present
Committee Chair & Facilitator, Student Services Committee Spring Meeting.	Feb 26, 2021
Committee Member, Faculty Advisory Committee.	Aug 2020 - Apr 2023
Faculty Judge, Lewis College Graduate Research Conference.	Apr 13, 2020
Committee Chair & Facilitator, Student Services Committee Spring Meeting.	Feb 18, 2020
Introduction of Speaker for Faculty Advisory Committee’s Lunch and Learn. Introduced Ashish Advani, PharmD, Founder and President at InpharmD, “Medical Errors.”	Feb 27, 2019
Committee Chair & Facilitator, Student Services Committee Spring Meeting.	Feb 20, 2019
Committee Member, Simulation and IPE Committee.	Aug 2019 - present
Committee Chair, Student Services Committee.	Sep 2018 - present
Faculty Judge, Lewis College Graduate Research Conference.	Apr 9, 2018
Committee Member Participant, Student Services Committee Spring Meeting.	Feb 19, 2018
Committee Member, Student Services Committee.	Jan 2018 - Sep 2018
Faculty Advisor, Student Health Informatics Association.	Aug 24, 2017 - present

Curriculum Vitae

University

- Participant, Enhancing the Student Experience Faculty Focus Group. Mar 10, 2022
- Guest Speaker, Pre-pharmacy Club at GSU. Feb 28, 2020
- Faculty Advisor, Addressed student inquiries about the Health Informatics program during College to Career Phase II Launch Social. Sep 24, 2019

Public

- Guest Speaker, Gwinnett School of Mathematics, Science, and Technology, Lawrenceville, GA. Mar 28, 2019

Professional Memberships

- Healthcare Information and Management Systems Society (HIMSS). Dec 2017 - present
- HIMSS Georgia Chapter. Sep 2017 - present