



United Imaging Healthcare Looking for Talents in CT

Who we are?

United Imaging is a leading global medical device developer and supplier with a diversified portfolio of advanced medical products, digital healthcare solutions, and intelligent solutions that cover the entire process of imaging diagnosis and treatment. From our North American HQ in Houston, we are passionate about expanding our customer sales and support structure, embracing the highest quality and craftsmanship in each of our medical imaging products, and dedicated to building an outstanding organization.

Join our innovative team with the mission of developing and supplying advanced technologies and improving patient care worldwide. As part of our global team, you will have the opportunity to collaborate with talented and dedicated colleagues while developing and expanding your career.

Company Website: <http://www.united-imaging.com/en/home/>

Benefits

When joining our team, we offer the following benefits: medical, dental, vision, short- & long-term disability insurance, employee assistance program, company paid basic life insurance, 401(k) with employer match, paid time off, sick leave, and paid holidays.

If you are interested in joining our team in Shanghai, please forward any questions regarding the employment benefits to the hiring managers.

If interested, please send an email with your CV attached to
usa.hr@united-imaging.com* and the *hiring manager

Or

Apply online at *usa.united-imaging.com/careers/*



CT Research & Development Scientist

Location: Houston, Texas | Classification: Full-Time

Duties & Responsibilities

As a **CT Research & Development Scientist**, major responsibilities will include, but are not limited to:

- Managing scientific collaborations at luminary institutions and driving collaborative projects leading to publications, external grant applications, and/or patent applications.
- Identifying, building, and supporting strong collaborative relationships with key thought leaders in the region.
- Maintaining clinical and technical expertise - Collaborating both with internal development teams and research partners for development and comprehensive evaluation and testing of prototypes and new products.
- Keeping customers & collaboration partners informed and up to date about United Imaging's technologies.
- Drafting, negotiating, and managing research contracts with support from legal and regulatory compliance.
- Tracking milestones and deliverables of research projects.
- Maintaining accurate budget assessments and contributing to internal strategic budget planning.
- Effectively communicating with United Imaging's internal colleagues and leadership.

Minimum Requirements

Education

- PhD in Medical Physics, Biomedical Engineering, Computer Science, Electrical Engineering, Data Science, or related fields.

Experience

- 2 – 5 years of experience (industry or post-doctoral fellow) with a proven track record of scientific publications.
- Background of medical imaging, artificial intelligence and/or clinical experience is preferred.

Required Skills or/ Attributes

- Excellent communication & presentation skills.
- Strong communication and collaboration skills with a can-do attitude.
- Experience working in a clinical and interdisciplinary environment.
- Takes initiative and leads projects in a multi-disciplinary global team.
- Desire to learn, ask questions and be resourceful to identify innovative applications and creative solutions to complex problems.
- Willing and able to travel up to 25%, including short term international trips.

If interested, please contact the Hiring Manager **Jian Xu** for more information:

jian.xu01@united-imaging.com



CT Research Collaboration Scientist

Location: Remote | Classification: Full-Time

Duties & Responsibilities

As a **CT Research Collaboration Scientist**, major responsibilities will include, but are not limited to:

- Managing scientific collaborations at luminary institutions and driving collaborative projects leading to publications, external grant applications, and/or patent applications.
- Identifying, building, and supporting strong collaborative relationships with key thought leaders in the region.
- Maintaining clinical and technical expertise - Collaborating both with internal development teams and research partners for development and comprehensive evaluation and testing of prototypes and new products.
- Keeping customers & collaboration partners informed and up to date about United Imaging's technologies.
- Drafting, negotiating, and managing research contracts with support from legal, regulatory, and compliance.
- Tracking milestones and deliverables of research projects.
- Maintaining accurate budget assessments and contributing to internal strategic budget planning.
- Effectively communicating with United Imaging's internal colleagues and leadership.

Minimum Requirements

Education

- PhD in Medical Physics, Biomedical Engineering, Electronic Engineering or related fields.

Experience

- A strong clinical and technical background in the field of CT with a proven track record of scientific publications.

Required Skills or/ Attributes

- Excellent communication & presentation skills.
- Proven ability in leading research projects and collaborations.
- Willing and able to travel up to 25%, including short term international trips.

If interested, please contact the Hiring Manager **Adam Chandler** for more information:

adam.chandler@united-imaging.com.



CT System Research Scientist

Location: Shanghai, China | Classification: Full-Time

Duties & Responsibilities

As a **CT System Research Scientist**, you will be responsible for CT system design, development and integration of at least one medical device system of UIH, including:

- Defining the requirements of the medical equipment system, evaluating the cost and technical feasibility, clarifying the technical value points, and building product competitiveness.
- Optimization of system workflow, keep communication with relevant engineers, such as physics, beam, optics, electrical, electronics, machinery, software, testing, etc., and continuously improve.
- Assembling and debugging of the prototype, as well as the improvement process of the product.
- Tackling key / difficult technical problems of the medical equipment system.

Minimum Requirements

Education

- Master, PhD preferred, in Biomedical Engineering, Power Electronics, Automation, Computer Science, Nuclear Engineering, Applied Physics, Mathematics, or related fields.

Experience

One of the following experiences is preferred:

- Medical system integration and debugging.
- Large-scale experimental platform development.
- Medical software design and integration.
- Electromechanical system design and integration.
- Electronic and electrical system design and integration.
- Artificial intelligence.
- Optical system design.

Required Skills or/ Attributes

- Excellent communication & presentation skills
- Proven ability in leading research projects and collaborations.
- Professional proficiency in written and spoken English.
- Willing and able to travel up to 25%, including short term international trips.

If interested, please contact the Hiring Manager **Guotao Quan** for more information:

guotao.quan@united-imaging.com.



CT Physics Algorithm Research Scientist

Location: Shanghai, China | Classification: Full-Time

Duties & Responsibilities

As a **CT Physics Algorithm Research Scientist**, major responsibilities will include, but are not limited to:

- Design and validation of calibration, imaging, quality control, safety, dose control, optimization algorithms for CT/PET-CT/SPECT-CT systems.
- Responsible for the pre-research, design and development of key systems such as imaging systems and display systems, and the development, integration and verification of system algorithm modules.
- Analyze the influence of key system components, subsystem performance, imaging methods and other factors on image quality and stability.
- System simulation.
- Image artifact investigation and removal; image quality optimization.
- System performance testing and evaluation.
- System troubleshooting; algorithm development, design and verification.

Minimum Requirements

Education

- Master, PhD preferred, in Physics, Mathematics, Biomedical Engineering, Computer Science, Software Engineering, Electronics, Mechanics, Automation, Optics, Acoustics, Electromagnetic, or related fields.

Experience

One of the following experiences is preferred:

- Development and application of algorithms in artificial intelligence, digital signal processing, physiological signal processing, digital image processing, numerical optimization, Monte Carlo simulation, robot path and trajectory planning, 2D/3D image signal processing and image enhancement.
- Practical experience in CT/PET-CT/SPECT-CT or related systems.
- Experience in acoustic simulation or transducer design.

Required Skills or/ Attributes

- Familiar with tools such as MATLAB, C++ or Python. Experience in GPU computing, multi-core programming, and optimization algorithms.
- Excellent communication & presentation skills
- Proven ability in leading research projects and collaborations.
- Professional proficiency in written and spoken English.

If interested, please contact the Hiring Manager **Guotao Quan** for more information:

guotao.quan@united-imaging.com.