THE RPS ROYAL PHOTOGRAPHIC SOCIETY

IMAGING SCIENTIST QUALIFICATIONS

From SARS to Stars

Imaging and Science in the 21st Century

Calling all Imaging Scientists, Scientific Photographers and Scientists who use imaging as a tool

Rapid advances in technology and digital instrumentation have made scientific imaging and imaging science essential and indispensable tools for visualisation in research and development.

Scientific photography, and the imaging science behind its many practical techniques, has played, and continues to play, a significant role in all aspects of modern society, from the discovery of radioactivity and sub-atomic particles, to the fabrication of micro-circuits.

Imaging science is a multi-disciplinary field, concerned with the generation, collection, duplication, analysis, modification and visualisation of images. This ranges from the physics and chemistry involved in the invention and production of image sensors, both traditional and electronic, to the analysis and modification by techniques provided by physics and computer science. It also includes, among many other disciplines, areas such as mathematics, optics, psychology, vision and perception.

Scientific imaging with its various techniques plays an important role in diverse fields from astronomy through telescopes to microbiology through microscopes. In astronomy it is used to study the composition of the nebulae and count stars, in oceanography, it helps to study sea-floor geological formation as well as recording the migration and behaviour of marine life, and in geography it not only aids map making but in comparing tracts of land or urban areas over time. In medicine it is used to support education, for diagnosis and patient-care, evaluation, assessment and measurements, and it is a safe, accurate, repeatable, non-invasive tool for monitoring the progression and regression of many diseases and conditions.

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Gain the credit due to you by applying for a Distinction and/or Qualification

QUALIFICATIONS ARE AWARDED AT FOUR LEVELS

Level 1 (QIS & LRPS) Qualified Imaging Scientist & Licentiate:
for those with academic qualifications below degree level.

Level 2 (GIS & ARPS) Graduate Imaging Scientist & Associate:
for those with a first degree.

Level 3 (AIS & ARPS) Accredited Imaging Scientist & Associate:
for those with postgraduate experience.

Level 4 (ASIS & FRPS) Accredited Senior Imaging Scientist & Fellowship:
this senior professional qualification requires that submitted work demonstrates a high standard of quality and originality.

Candidates with a valid claim for entry to a higher level need not proceed through the lower levels. Those members who acquire an Imaging Scientist Qualification will receive additionally a Society Distinction. The Society Distinctions are recognised as some of the most prestigious in the world, there are three levels, Licentiate, Associate and Fellowship.

For guidelines and an application form go to www.rps.org/ISQ

Contact: ANDY MOORE LRPS Distinctions Manager andy@rps.org