

## Sub-panel expertise requirements

February 2020

### Introduction

- Each sub-panel has identified its requirements for further sub-panel members and / or assessors, to ensure each has an appropriate breadth of expertise and volume of panel members necessary for the assessment of REF submissions. The panels' analysis of their expertise requirements was informed by data provided by higher education institutions in the survey of submission intentions. We received a high number of nominations for the panels during the first round of nominations in 2017. Where nominees were content to remain in consideration for this later round, sub-panels are considering existing nominees for appointment at this stage also.
- A table is provided for each sub-panel, setting out the specific areas of expertise in which nominations are sought, according to the type of panel roles required. Nominations should be made using the online form, available at: <https://www.cognitofirms.com/ResearchEngland1/REF2021NominationsForm>.
- The areas of expertise set out for each sub-panel do not necessarily equate to the number of panellists being sought. For some areas, multiple appointments are required; for others, candidates may have expertise in more than one area. Nominations are therefore invited for multiple candidates across the expertise requirements, both to ensure the number of appointments can be met, as well as to ensure a diverse pool of candidates for consideration.
- All sub-panels welcome nominations of candidates from a diverse range of backgrounds, institution types and geographical region, and particularly welcome nominations of candidates from under-represented groups, including people from black and minority ethnic (BME) backgrounds. In addition to this, where sub-panels have identified further, specific areas where increased representation is sought, this information is included below.

<p><b>Main Panel A</b></p> <ul style="list-style-type: none"> <li>1 <a href="#">Clinical Medicine</a></li> <li>2 <a href="#">Public Health, health services and Primary Care</a></li> <li>3 <a href="#">Allied Health Professions, Dentistry, Nursing and Pharmacy</a></li> <li>4 <a href="#">Psychology, Psychiatry and Neuroscience</a></li> <li>5 <a href="#">Biological Sciences</a></li> <li>6 <a href="#">Agriculture, Food and Veterinary Sciences</a></li> </ul>	<p><b>Main Panel B</b></p> <ul style="list-style-type: none"> <li>7 <a href="#">Earth Systems and Environmental Sciences</a></li> <li>8 <a href="#">Chemistry</a></li> <li>9 <a href="#">Physics</a></li> <li>10 <a href="#">Mathematical Sciences</a></li> <li>11 <a href="#">Computer Sciences and Informatics</a></li> <li>12 <a href="#">Engineering</a></li> </ul>
<p><b>Main Panel C</b></p> <ul style="list-style-type: none"> <li>13 <a href="#">Architecture, Built Environment and Planning</a></li> <li>14 <a href="#">Geography and Environmental Studies</a></li> <li>15 <a href="#">Archaeology</a></li> <li>16 <a href="#">Economics and Econometrics</a></li> <li>17 <a href="#">Business and Management Studies</a></li> <li>18 <a href="#">Law</a></li> <li>19 <a href="#">Politics and International Studies</a></li> <li>20 <a href="#">Social Work and Social Policy</a></li> <li>21 <a href="#">Sociology</a></li> <li>22 <a href="#">Anthropology and Development Studies</a></li> <li>23 <a href="#">Education</a></li> <li>24 <a href="#">Sport and Exercise Sciences, Leisure and Tourism</a></li> </ul>	<p><b>Main Panel D</b></p> <ul style="list-style-type: none"> <li>25 <a href="#">Area Studies</a></li> <li>26 <a href="#">Modern Languages and Linguistics</a></li> <li>27 <a href="#">English Language and Literature</a></li> <li>28 <a href="#">History</a></li> <li>29 <a href="#">Classics</a></li> <li>30 <a href="#">Philosophy</a></li> <li>31 <a href="#">Theology and Religious Studies</a></li> <li>32 <a href="#">Art and Design: History, Practice and Theory</a></li> <li>33 <a href="#">Music, Drama, Dance, performing Arts, Film and Screen Studies</a></li> <li>34 <a href="#">Communication, Cultural and Media Studies, Library and Information Management</a></li> </ul>

The table provided for each sub-panel sets out the specific areas in which nominations are sought, according to the type of panel roles required.

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## Main Panel A

### Sub-panel 1: Clinical Medicine

Panel role	Expertise required
Sub-panel members (practising researcher)	<ul style="list-style-type: none"> <li>• Clinical oncology</li> <li>• Surgery</li> <li>• Neurology, general expertise e.g. neurodegenerative disease/stroke</li> </ul>
Output assessors	<ul style="list-style-type: none"> <li>• Obstetrics and gynaecology</li> <li>• Cardiovascular (vascular biology)</li> <li>• Surgery</li> </ul>
Sub-panel members (research user)	<ul style="list-style-type: none"> <li>• Research user (industry)</li> <li>• Research user (NHS)</li> </ul>
Impact assessors	<ul style="list-style-type: none"> <li>• Research users across full spectrum of the application of clinical medicine</li> </ul>

The sub-panel particularly welcomes nominations of candidates from the following under-represented groups: women; people from BME backgrounds.

### Sub-panel 2: Public Health, health services and Primary Care

Panel role	Expertise required
Sub-panel members (practising researcher)	<ul style="list-style-type: none"> <li>• Health economics</li> <li>• Complex behavioural interventions</li> <li>• Informatics</li> <li>• Mental health or health psychology</li> <li>• Maternal &amp; child health</li> <li>• Health policy</li> </ul>
Output assessors	<ul style="list-style-type: none"> <li>• Infectious disease modelling (joint with UOA 6)</li> </ul>
Sub-panel members (research user)	<ul style="list-style-type: none"> <li>• public health practitioner</li> <li>• global health specialist</li> </ul>
Impact assessors	<ul style="list-style-type: none"> <li>• Treatment guidelines</li> <li>• Knowledge exchange and translation</li> <li>• Industry (health informatics, digital health)</li> <li>• Public health policy and regulation</li> </ul>

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The table provided for each sub-panel sets out the specific areas in which nominations are sought, according to the type of panel roles required.

All sub-panels welcome nominations of candidates from a diverse range of backgrounds, institution types and geographical region, and particularly **welcome nominations of candidates from under-represented groups, including people from black and minority ethnic (BME) backgrounds.** In addition to this, where sub-panels have identified further, specific areas where increased representation is sought, this information is included below.

### Sub-panel 3: Allied Health Professions, Dentistry, Nursing and Pharmacy

Panel role	Expertise required
Sub-panel members (practising researcher)	<ul style="list-style-type: none"> <li>• Cardiovascular rehabilitation</li> <li>• Midwifery practice and research ante, intra and post-natal</li> <li>• Craniofacial biology, dental public health</li> <li>• Drug action/ pharma-economics pharmacology / microbiology/ pharmacy Pharmacokinetics/pharmgenomic</li> <li>• Immunology/infectious diseases/ Molecular biology/endocrine/cell biology/biomarkers</li> <li>• Speech and Language Therapy, Linguistics</li> </ul>
Output assessors	<ul style="list-style-type: none"> <li>• Endocrine/Biomarkers</li> <li>• Speech and language therapy and practice</li> </ul>
Impact assessors	<ul style="list-style-type: none"> <li>• Dental research user</li> <li>• Spin out, patent, IP, early start up expertise</li> <li>• Pharmacy industry, professional body, Pharmacy practice</li> <li>• NHS mental health nurse manager</li> <li>• Sports performance; health and exercise</li> </ul>

### Sub-panel 4: Psychology, Psychiatry and Neuroscience

Panel role	Expertise required
Sub-panel members (practising researcher)	<ul style="list-style-type: none"> <li>• Psychology: cognitive, experimental, biological, health, developmental, social and behavioural neuroscience</li> <li>• Psychiatry: genetics, imaging, psychiatric neuroscience, psychopharmacology</li> <li>• Neuroscience: cell biology, computational neuroscience, imaging, electrophysiology</li> </ul>
Output assessors	<ul style="list-style-type: none"> <li>• Psychology: cognitive, experimental, biological, health, developmental, social and behavioural neuroscience</li> <li>• Psychiatry: genetics, imaging, psychiatric neuroscience, psychopharmacology</li> <li>• Neuroscience: cell biology, computational neuroscience, imaging, electrophysiology</li> </ul>
Impact assessors	<ul style="list-style-type: none"> <li>• Applications of psychological research in any relevant context</li> <li>• Applications of psychiatric research in any relevant context</li> <li>• Applications of neuroscience research in any relevant context</li> </ul>

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### Sub-panel 5: Biological Sciences

Panel role	Expertise required
Sub-panel members (practising researcher)	<ul style="list-style-type: none"> <li>• Environmental &amp; evolutionary biology</li> <li>• Cellular &amp; molecular plant biology</li> <li>• Neurobiology, developmental neurobiology</li> <li>• Molecular immunology</li> <li>• Molecular bacteriology</li> </ul>
Impact assessors	<ul style="list-style-type: none"> <li>• Conservation biology and ecology</li> </ul>

The sub-panel particularly welcomes nominations of candidates from the following under-represented groups: people from BME backgrounds.

### Sub-panel 6: Agriculture, Food and Veterinary Sciences

Panel role	Expertise required
Sub-panel members (practising researcher)	<ul style="list-style-type: none"> <li>• Animal behaviour (essential), with an interest in animal welfare (desirable)</li> <li>• Quantitate Genetics/genomics</li> <li>• Veterinary epidemiology</li> <li>• Computational biologist/bioinformatics</li> </ul>
Output assessors	<ul style="list-style-type: none"> <li>• Infectious disease modelling (joint with UOA 2)</li> </ul>
Impact assessors	<ul style="list-style-type: none"> <li>• Agricultural industry / third sector groups relating to the implications of agriculture on the natural environment</li> <li>• Food industry</li> <li>• Clinical veterinary practice</li> <li>• Agricultural or animal / crop disease policy</li> </ul>

The sub-panel particularly welcomes nominations of candidates from the following under-represented groups: people from BME backgrounds.

## Main Panel B

### Sub-panel 7: Earth Systems and Environmental Sciences

Panel role	Expertise required
Sub-panel members (practising researcher)	<ul style="list-style-type: none"> <li>• Atmospheric Physics</li> <li>• Climate Modelling/climate change/atmospherics (joint with UOA 14)</li> </ul>

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### Sub-panel 8: Chemistry

Panel role	Expertise required
Impact assessors	<ul style="list-style-type: none"><li>To contribute to assessment of impact case studies anticipated in areas spanning impacts on: commerce and the economy, production, health and well-being (in large, medium and small companies, and spin-outs) and public policy, law and services.</li></ul>

The sub-panel particularly welcomes nominations of candidates from under-represented groups.

### Sub-panel 9: Physics

Panel role	Expertise required
Sub-panel members (practising researcher)	<ul style="list-style-type: none"><li>Extragalactic astronomy and astrophysics</li></ul>
Impact assessors	<ul style="list-style-type: none"><li>Expertise in spin out, SME and growth companies</li></ul>

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### Sub-panel 10: Mathematical Sciences

Panel role	Expertise required
Sub-panel members (practising researcher)	<ul style="list-style-type: none"> <li>• Mathematical Physics (string theory and applications in physics and mathematics)</li> <li>• Numerical Analysis, especially partial differential and integral equations, and approximation theory</li> </ul>
Output assessors	<ul style="list-style-type: none"> <li>• Differential Geometry</li> <li>• Ergodic theory and dynamical systems</li> </ul>
Impact assessors	<p>Individuals with experience of using research in UOA 10's remit from the following sectors:</p> <ul style="list-style-type: none"> <li>• Healthcare/ Medicine/ Pharma</li> <li>• Public understanding</li> <li>• Industrial applications</li> <li>• Environment</li> <li>• Finance/ risk</li> </ul>

### Sub-panel 11: Computer Sciences and Informatics

Panel role	Expertise required
Sub-panel members (practising researcher) / output assessors	<p>Individuals with expertise in one or more of the following areas:</p> <ul style="list-style-type: none"> <li>• Hardware</li> <li>• Software organization and properties</li> <li>• Models of computation and formal languages</li> <li>• Computational complexity and cryptography</li> <li>• Logic</li> <li>• Design and analysis of algorithms</li> <li>• Theory and algorithms for application domains</li> <li>• Discrete mathematics</li> <li>• Collaborative and social computing</li> <li>• Visualisation</li> <li>• Symbolic and algebraic manipulation</li> <li>• Natural language processing</li> <li>• Computer vision</li> <li>• Machine learning</li> <li>• Computer graphics</li> <li>• Distributed and concurrent computing</li> <li>• Applied computing – business and enterprise</li> <li>• Applied computing – physical sciences and engineering</li> <li>• Applied computing – life and medical sciences</li> </ul>
Sub-panel members (research user) / impact assessors	<ul style="list-style-type: none"> <li>• Individuals with experience of transforming research covered by UOA 11 into impact across the range of areas as described in the REF 2021 guidance.</li> </ul>

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### Sub-panel 12: Engineering

Panel role	Expertise required
Output assessors	<ul style="list-style-type: none"> <li>• Music technology</li> <li>• Transport, railway engineering</li> </ul>
Impact assessors	<ul style="list-style-type: none"> <li>• Experience of using research in the areas within UOA 12's remit</li> </ul>

### Main Panel C

#### Sub-panel 13: Architecture, Built Environment and Planning

Panel role	Expertise required
Sub-panel members (practising researcher)	<ul style="list-style-type: none"> <li>• Environmental issues (ecosystem services, well-being, resilience, natural resources management)</li> <li>• Urban and regional planning (incl policy and practice, economic development, environment, spatial analysis)</li> <li>• Construction management/ Construction engineering</li> </ul>
Output assessors	<ul style="list-style-type: none"> <li>• Real Estate Economics and Finance</li> <li>• Construction management/ Construction engineering</li> <li>• Building technology</li> </ul>
Sub-panel members (research user)	<ul style="list-style-type: none"> <li>• Construction management/ Building technology</li> </ul>
Impact assessors	<ul style="list-style-type: none"> <li>• Environmental impact</li> <li>• Construction management/ Building technology</li> </ul>

#### Sub-panel 14: Geography and Environmental Studies

Panel role	Expertise required
Sub-panel members (practising researcher)	<ul style="list-style-type: none"> <li>• Cultural geography</li> <li>• Environmental geography, socio-environmental specialism</li> <li>• Biogeography, ecology, (potentially higher latitude specialisms)</li> <li>• Environmental process modelling including potentially big data and terrestrial focus</li> <li>• Climate modelling, atmospheric sciences (joint with UOA 7)</li> <li>• Urban geography, with possible links to/intersections with research on urban political economies</li> </ul>
Impact assessors	<ul style="list-style-type: none"> <li>• Urban policy and practice</li> <li>• Development</li> <li>• Welfare and health</li> <li>• Cultural policy and practice</li> </ul>

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### Sub-panel 15: Archaeology

Panel role	Expertise required
Sub-panel members (research user)	<ul style="list-style-type: none"> <li>Policy/cultural heritage/heritage interpretation/education/cultural resource management/planning expertise and experience in user community (national or regional heritage organisation)</li> </ul>
Specialist advisers	<ul style="list-style-type: none"> <li>Languages and textual sources for the Ancient Near East (Akkadian, Babylonian etc) – shared with UOA 29</li> <li>Languages and textual sources for Ancient (Pharaonic) Egypt – shared with UOA 29</li> </ul>

The sub-panel particularly welcomes nominations of candidates from the following under-represented groups: institutions / organisations in Scotland or Northern Ireland.

### Sub-panel 16: Economics and Econometrics

Panel role	Expertise required
Sub-panel members (practising researcher)	<ul style="list-style-type: none"> <li>Macroeconomics</li> <li>Econometrics</li> <li>Political economy/public economics</li> <li>Applied microeconomics</li> <li>Development economics</li> <li>Economic theory</li> <li>Industrial economics</li> <li>Economics: joint sub-panel member with UOA 17</li> </ul>
Sub-panel members (research user) / impact assessors	<ul style="list-style-type: none"> <li>Experience in the areas within UOA 16's remit, including a wide range of organisations who are users of economic research (e.g. government departments, local government and authorities, CBI, TUC, chambers of commerce, charities, consultancies, practitioners and others)</li> </ul>

The sub-panel particularly welcomes nominations of candidates from the following under-represented groups: diversity of HEI type, including post-1992 HE institutions.



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### Sub-panel 17: Business and Management Studies

Panel role	Expertise required
Sub-panel members (practising researcher)	<ul style="list-style-type: none"> <li>• Finance, banking and risk management</li> <li>• Accountancy</li> <li>• Marketing and consumer behaviour</li> <li>• HRM &amp; employment relations</li> <li>• Organisational studies</li> <li>• Operations Management / supply chain management</li> <li>• Information systems management</li> <li>• Organisational psychology/ leadership</li> <li>• Management education</li> <li>• Interdisciplinary member with public policy</li> <li>• Economics: joint with UOA 16</li> <li>• Sports &amp; hospitality management: joint with UOA 24</li> </ul>
Impact assessors	<ul style="list-style-type: none"> <li>• Individuals with experience in the wider use of business and management research from the public, private and third sectors</li> </ul>

The sub-panel particularly welcomes nominations of candidates from the following under-represented groups: people from BME backgrounds; diversity of regions and HEI type.

### Sub-panel 18: Law

Panel role	Expertise required
Sub-panel members (practising researcher)	<ul style="list-style-type: none"> <li>• Public International Law and Human Rights</li> </ul>
Output assessors	<ul style="list-style-type: none"> <li>• Property, equity and trusts</li> <li>• Banking and finance law</li> <li>• Competition law and public procurement</li> <li>• Philosophy of law and legal theory</li> <li>• Intellectual property law and information technology regulation</li> <li>• Private international and commercial law, International trade and investment law</li> <li>• Family and child law</li> <li>• Private law, particularly tort</li> <li>• International criminal law, counter-terrorism, and transitional justice studies</li> <li>• Labour and employment law</li> <li>• Global and transnational law and governance</li> <li>• Legal researcher with quantitative methodology expertise</li> <li>• Criminal Justice (including evidence law)</li> <li>• Criminology</li> </ul>
Sub-panel members (research user)	<ul style="list-style-type: none"> <li>• Legal practice / legal services</li> </ul>
Impact assessors	<ul style="list-style-type: none"> <li>• All areas of law but particularly fields of public policy, law reform and legal services</li> </ul>

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### Sub-panel 19: Politics and International Studies

Panel role	Expertise required
Sub-panel members (practising researcher)	<ul style="list-style-type: none"> <li>• International relations, with substantive experience in foreign policy and security studies, and methodological range including qualitative, quantitative and formal methods</li> <li>• Political theory, including analytical post-Rawlsian political theory, with methodological range including non-ideal as well as ideal theory</li> </ul>
Impact assessors	<ul style="list-style-type: none"> <li>• Security and foreign policy</li> <li>• International development</li> <li>• Gender</li> <li>• UK public policy (including constitutional issues)</li> <li>• International politics (including EU)</li> <li>• Elections and parties</li> </ul>

The sub-panel particularly welcomes nominations of candidates from the following under-represented groups: women; people from BME backgrounds.

### Sub-panel 20: Social Work and Social Policy

Panel role	Expertise required
Sub-panel members (practising researcher)	<ul style="list-style-type: none"> <li>• Children and families/child protection</li> <li>• Cross-cultural understanding, marginalised groups, including mental health</li> <li>• Young people/migration/child welfare</li> <li>• Domestic violence, sexual violence, hate crime, racism</li> </ul>
Impact assessors	<ul style="list-style-type: none"> <li>• Health/social care</li> <li>• Criminal justice/drugs</li> <li>• Research commissioner - 'overview' including migration, modern slavery and welfare issues</li> <li>• Workforce participation, regulation and professional training/education</li> </ul>

The sub-panel particularly welcomes nominations of candidates from the following under-represented groups: people from BME backgrounds; people at post-1992 HE institutions.

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### Sub-panel 21: Sociology

Panel role	Expertise required
Sub-panel members (practising researcher)	<ul style="list-style-type: none"> <li>• Science and technology studies (STS) including environmental issues</li> <li>• Criminology (including one shared member with UOAs 18 and 20)</li> <li>• Health</li> </ul>
Sub-panel members (research user)	<ul style="list-style-type: none"> <li>• Experience of using research in the areas within UOA 21's remit.</li> </ul>

The sub-panel welcomes nominations for under-represented groups, including by protected characteristics, types of higher education institution, and region.

### Sub-panel 22: Anthropology and Development Studies

Panel role	Expertise required
Sub-panel members (research user) / impact assessors	<ul style="list-style-type: none"> <li>• Anthropology in use (e.g. museum director/curator, anthropologist working in public/policy, etc.)</li> </ul>

The sub-panel particularly welcomes nominations of candidates from the following under-represented groups: organisations in Wales or Northern Ireland.

### Sub-panel 23: Education

Panel role	Expertise required
Output assessors	<ul style="list-style-type: none"> <li>• Communities and education</li> <li>• Lifelong Learning</li> <li>• Alternative &amp; Outdoor education</li> <li>• Sport and Physical education</li> </ul>
Impact assessors	<ul style="list-style-type: none"> <li>• Educational research impact in the voluntary/charitable sectors, and with communities</li> <li>• Educational research impact in educational workplaces and on Continuing Professional Development activity</li> <li>• Educational research impact in organisations that fund research and themselves seek to influence policy</li> <li>• Educational research impact on government policy</li> </ul>

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### Sub-panel 24: Sport and Exercise Sciences, Leisure and Tourism

Panel role	Expertise required
Sub-panel members (practising researcher)	<ul style="list-style-type: none"> <li>• Sociology of Sport (with, if possible, expertise in either Sports Ethics/Philosophy or Sports Policy)</li> <li>• Sport and Exercise Biomechanics</li> <li>• Motor control</li> <li>• Strength and conditioning</li> <li>• Sports injury and rehabilitation</li> <li>• Sports &amp; hospitality management: joint with UOA17</li> </ul>
Impact assessors	<ul style="list-style-type: none"> <li>• Tourism / event management</li> <li>• Public health</li> <li>• Sports policy</li> </ul>

The sub-panel particularly welcomes nominations of candidates from the following under-represented groups: women; people from BME backgrounds; people with a disability; diversity of regions.

### Main Panel D

#### Sub-panel 25: Area Studies

Panel role	Expertise required
Output assessors	<ul style="list-style-type: none"> <li>• Latin American Studies (ability to speak Spanish and Portuguese is essential, with a knowledge of political economy and international development needed)</li> </ul>
Impact assessors	<ul style="list-style-type: none"> <li>• Impact in non-European parts of the world, with a knowledge of research use (ability to review outputs desirable).</li> </ul>

#### Sub-panel 26: Modern Languages and Linguistics

Panel role	Expertise required
Output assessors	<ul style="list-style-type: none"> <li>• British Sign Language / Deaf Studies</li> </ul>
Impact assessors	<ul style="list-style-type: none"> <li>• Heritage sector</li> <li>• Publishing</li> <li>• Language policy</li> <li>• Language education</li> <li>• Professional use/users of language</li> </ul>

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### Sub-panel 27: English Language and Literature

Panel role	Expertise required
Sub-panel members (practising researcher)	<ul style="list-style-type: none"> <li>• Linguistics (general)</li> <li>• Post-colonial studies</li> <li>• American literature</li> </ul>
Impact assessors	<ul style="list-style-type: none"> <li>• Publishing</li> <li>• Archives and libraries</li> <li>• Literary organisations and charities</li> <li>• Museums and galleries</li> <li>• Heritage sector</li> </ul>

### Sub-panel 28: History

Panel role	Expertise required
Sub-panel members (practising researcher)	<ul style="list-style-type: none"> <li>• Early Modern British, but with the expertise to assess work with a wider geo-political reach</li> </ul>
Output assessors	<ul style="list-style-type: none"> <li>• German history, with the additional ability to assess work in military history and potentially serve as an additional IDR member</li> <li>• Digital history/humanities, with the potential to serve as an additional IDR member</li> <li>• East Asian history, with the ability to assess work in transnational history and potentially serve as an additional IDR member</li> <li>• Middle Eastern history, with the potential to serve as an additional IDR member</li> <li>• Latin American history, with the potential to serve as an additional IDR member</li> </ul>
Sub-panel members (research user)	<ul style="list-style-type: none"> <li>• Experience in assessing the impact of research in subject areas covered by UOA 28, in particular: television and entertainment; education and pedagogy; third-sector organisations; policy and government; and business/industry.</li> </ul>
Impact assessors	<ul style="list-style-type: none"> <li>• Experience in assessing the impact of research in subject areas covered by UOA 28, in particular: television and entertainment; education and pedagogy; third-sector organisations; policy and government; and business/industry.</li> </ul>

The sub-panel particularly welcomes nominations of candidates from the following under-represented groups: people from BME backgrounds.

The table provided for each sub-panel sets out the specific areas in which nominations are sought, according to the type of panel roles required.

All sub-panels welcome nominations of candidates from a diverse range of backgrounds, institution types and geographical region, and particularly **welcome nominations of candidates from under-represented groups, including people from black and minority ethnic (BME) backgrounds**. In addition to this, where sub-panels have identified further, specific areas where increased representation is sought, this information is included below.

### Sub-panel 29: Classics

Panel role	Expertise required
Sub-panel members (practising researcher)	<ul style="list-style-type: none"> <li>• Ancient Philosophy</li> <li>• Language, Linguistics and Literature (with particular expertise in the early Aegean)</li> </ul>
Impact assessors	<ul style="list-style-type: none"> <li>• Heritage sector (Classical Antiquity)</li> <li>• Museums (Classical Antiquity)</li> </ul>
Specialist advisers	<ul style="list-style-type: none"> <li>• Ancient Near East: language &amp; textual sources – shared with UOA 15</li> <li>• Ancient (Pharaonic) Egypt: language &amp; textual sources – shared with UOA 15</li> <li>• Modern Greek: history and culture</li> </ul>

### Sub-panel 30: Philosophy

Panel role	Expertise required
Sub-panel members (practising researcher)	<ul style="list-style-type: none"> <li>• Philosophy of Language</li> </ul>
Output assessors	<ul style="list-style-type: none"> <li>• Political Philosophy</li> <li>• Epistemology</li> <li>• Logic</li> </ul>
Impact assessors	<ul style="list-style-type: none"> <li>• Cultural and public engagement</li> <li>• Education and/or public policy</li> </ul>

### Sub-panel 31: Theology and Religious Studies

Panel role	Expertise required
Sub-panel members (practising researcher)	<ul style="list-style-type: none"> <li>• Philosophy of religion, but also able to contribute to the grading of work in theology and ethics</li> <li>• Jewish Studies (preferably in Rabbinic literature/Jewish textual studies), but also able to contribute to the grading of work in theology, ethics and/or continental philosophy</li> </ul>
Impact assessors	<ul style="list-style-type: none"> <li>• Experience relevant to public engagement with research in subject areas covered by UOA31, including religion and public policy, religion and education, public understanding of religion and/or religion and the creative arts.</li> </ul>

The sub-panel particularly welcomes nominations of candidates from the following under-represented groups: people from BME backgrounds.

The table provided for each sub-panel sets out the specific areas in which nominations are sought, according to the type of panel roles required.

All sub-panels welcome nominations of candidates from a diverse range of backgrounds, institution types and geographical region, and particularly **welcome nominations of candidates from under-represented groups, including people from black and minority ethnic (BME) backgrounds.** In addition to this, where sub-panels have identified further, specific areas where increased representation is sought, this information is included below.

### Sub-panel 32: Art and Design: History, Practice and Theory

Panel role	Expertise required
Sub-panel members (practising researcher / research user)	<ul style="list-style-type: none"> <li>Arts &amp; Design Public Funders (Arts, Crafts and Design Councils Professional Bodies)</li> <li>Photography History, Practice and Theory</li> <li>Fine Art Practice &amp; Performance, Curation</li> <li>Immersive and Digital Arts &amp; Design</li> <li>Fashion History (Practice and Theory in particular)</li> </ul>
Impact assessors	<ul style="list-style-type: none"> <li>Museum (education and strategy)</li> <li>Museums sector (curation)</li> <li>Publishing</li> <li>Arts and cultural management</li> <li>Gallery (public, private, national) and exhibitions</li> <li>Arts agencies for the promotion of arts</li> <li>Arts &amp; Design Public Funders (Arts, Crafts and Design Councils Professional Bodies)</li> </ul>

The sub-panel particularly welcomes nominations of candidates from the following under-represented groups: people from BME backgrounds; institutions/organisations in Wales.

### Sub-panel 33: Music, Drama, Dance, performing Arts, Film and Screen Studies

Panel role	Expertise required
Sub-panel members (practising researcher)	<ul style="list-style-type: none"> <li>Film and Television Studies with an ability to cover two or more of the following: television studies, practice research, documentary/non-fiction filmmaking; start studies; representations of gender</li> <li>Scenography, virtual realities, art/science interdisciplinary practices; the digital in performance (an ability to cover Dance and/or gaming would also be advantageous)</li> <li>Acoustic Composition (encompassing a wide range of genres and styles; fully or partly notated, or non-notated)</li> <li>Music Performance (encompassing performance of notated scores across a wide range of historical periods and genres, improvisation-based performance, non-notated performance practices) and Music Performance Studies (encompassing a range of practices and methodologies)</li> </ul>
Impact assessors	<ul style="list-style-type: none"> <li>Expertise in cultural programming, broadcasting, and/or audiences, or arts in education across one or more of the subpanel's disciplinary areas</li> <li>Expertise in arts and health; complementary expertise in arts and education would be beneficial</li> </ul>
Specialist advisers	<ul style="list-style-type: none"> <li>Musical sources written in medieval Latin and medieval French</li> <li>Musical sources written in early forms of music notation (pre-1400)</li> <li>Compositional and music-analytical software written with specialist code</li> <li>Competence with programming languages used for computational modelling for music cognition</li> </ul>

The sub-panel particularly welcomes nominations of candidates from the following under-represented groups: women; minority genders; people from BME backgrounds; institutions/organisations in Wales or Northern Ireland; post-1992 HE institutions.

The table provided for each sub-panel sets out the specific areas in which nominations are sought, according to the type of panel roles required.

All sub-panels welcome nominations of candidates from a diverse range of backgrounds, institution types and geographical region, and particularly **welcome nominations of candidates from under-represented groups, including people from black and minority ethnic (BME) backgrounds**. In addition to this, where sub-panels have identified further, specific areas where increased representation is sought, this information is included below.

### Sub-panel 34: Communication, Cultural and Media Studies, Library and Information Management

Panel role	Expertise required
Sub-panel members (practising researcher)	<ul style="list-style-type: none"><li>• Practice-based research in film, TV and creative industries</li><li>• Race, ethnicity, diaspora and postcolonial studies</li><li>• Film, screen and TV studies</li><li>• Popular music and popular culture</li><li>• Cultural studies, creative industries including games studies</li></ul>
Impact assessors	<ul style="list-style-type: none"><li>• Impacts on creativity, culture and society and on creative and professional practice</li></ul>

The sub-panel particularly welcomes nominations of candidates from the following under-represented groups: people from BME backgrounds.