

## UK universities: research partnerships with China

### Top lines:

- **Imperial:** £10m from Chinese state-owned company Sinopec, >£2.5m from Huawei.
- **Southampton-** Over £3 million from Huawei since January 2019
- **Lancaster and Cardiff** - £1m+ from Huawei
- **Kings, Warwick and Durham:** £500k+ from Huawei/state-owned companies

### Full summary:

We sent FOIs to the following universities asking for a breakdown of any funding received from Huawei, HikVision, CNOOC, Sinopec, Semiconductor Manufacturing International Corporation (SMIC), Aviation Industry Corporation of China (AVIC) and China General Nuclear (CGN) since October 2015.

University	Details of funding
<b>Aston</b>	Total - £633,563 including £232,000 in 2020.
<b>Bristol</b>	Yes - but won't disclose due to commercial interests.
<b>Cardiff</b>	£1,499,368 from Huawei from 2016 on 5G; GaN-on-diamond; optical ground wire including £165,000 in 2020.
<b>Durham</b>	£547,000 from Sinopec on catalytic materials
<b>Exeter</b>	Won't disclose due to commercial interests
<b>Glasgow</b>	Funding from Huawei between 2018-2020 on an edge computing project - undisclosed amount due to commercial interests
<b>Heriot Watt</b>	Funding from Huawei - undisclosed amount due to commercial interests
<b>Imperial</b>	Unspecified amounts of funding from 2016-2020: <ul style="list-style-type: none"> <li>● £6.5m-£8.5m from AVIC;</li> <li>● £10m-£10.5m from SINOPEC;</li> <li>● £0-£1m from CNOOC;</li> <li>● £2.5m-£12m from Huawei.</li> <li>● A gift of up to £500,000 worth of disposable masks for university staff made from Huawei to Imperial in 2020.</li> <li>● A gift of up to £500,000 made in 2019 by Huawei to the Faculty of Engineering.</li> <li>● A gift of £500,000-£1m made in 2020 by Huawei to the Academic Chair of Faculty of Engineering.</li> </ul>
<b>King's College London</b>	£660,874.20 from Huawei, all since January 2019, some for projects ending in 2024.

<b>Lancaster</b>	£1,138,288.05 from Huawei 2016-2020 on semiconductors, computing and machine learning, including £939k in 2020. £50k of gift funding from Huawei in 2019 for semiconductor research
<b>Leeds</b>	£121,989 from CNOOC
<b>Manchester</b>	£430,000 from Huawei for research on graphene
<b>Newcastle</b>	£386,069 from Huawei for research on smartphone displays; multi-light; ROMA; on-chip machine learning
<b>Nottingham</b>	FOI request denied
<b>Sheffield</b>	£363,974 from Huawei for research on antenna arrays design etc.
<b>St Andrew's</b>	Exact information undisclosed due to commercial interests, but up to £100k of funding from Huawei
<b>UCL</b>	Exact information undisclosed due to commercial interests, but up to £100k of funding from Huawei
<b>Warwick</b>	£516,484 of funding in total from Chinese companies, but no breakdown of funding due to commercial interests.
<b>Westminster</b>	£329,500 from Huawei for research on phone camera quality improvement
<b>York</b>	£893,461.82 from Huawei on undisclosed research projects