



CLOSER kew 'integrating the social & biological'

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of Parents and Children

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Structure of talk

- ESRC Large Grant ended in 2012, promoting ALSPAC to social scientists (Lynn)
- Use of medical and genetic data by social scientists, discuss case studies (Claire)

Esrc large grant

- PI Paul Gregg, then at Bristol, between 2007 and 2012
- Main objective – improve understanding of nature of family SES for adolescent outcomes and trajectories through childhood, emphasis on adding value through collaboration of researchers from a range of disciplines
- Secondary objective - bring ALSPAC up-to-date in terms of available data and to promote its usage in social science community

Esrc large grant

Specifically, sought to make four substantive contributions:

- Substantive body of **high quality research** focusing on social gradients in child development
- Significant **methodological advances** in statistical issues around life course research
- **Engagement** with policy makers grappling with this major area of social policy
- Advance **data development** within ALSPAC and **develop engagement** with other cohort studies

Esrc large grant outcomes

High quality research

- 71 published papers, many more waiting submission
- 3 journal special issues around social mobility, educational development and SES gradients

Esrc large grant

Methodological advances

- Cross disciplinary collaboration between statistical methods specialists and more applied researchers
- Three major advances in:
 - Mendelian randomisation
 - Multiple imputation for missing data
 - Repeat observations to explore measurement issues of attenuation reported bias

Esrc large grant

Impact

- Major programme of dissemination of results on social mobility resulting in widespread governmental acknowledgement of the research e.g. Series of seminars for Deputy PM's office, roundtable discussions with Alan Milburn and others

Esrc large grant

Data and legacy talent

- 'Backlog' of ALSPAC data eliminated and available
- ALSPAC data team far more integrated with ESRC cohort data initiatives
- ALSPAC linking to administrative data and have wealth of experience and knowledge about data linkage process
- Created a legacy in human capacity building, with many researchers appointed to new academic positions

Summary

- ESRC successful grant with many positive outcomes
- Demonstrated successful interdisciplinary working with integration between the social and biological
- Capitalising by continuing to work with established collaborations generated by this project and also initiating new collaborations with social scientists in the future

THANK YOU



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