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# Managing Research Integrity Workstreams and Constituencies in the AI Era

## When AI Meets RI: Legal and Compliance Considerations Emerging from the Use of AI Tools to Identify Research Integrity Concerns

This is the third in a series of posts addressing the use of AI-based screening tools to detect research integrity issues, including pros and cons, unique challenges, downstream implications, potential pitfalls, and risk mitigation practices.

Building on our [second post](#), we continue looking at the unique challenges to assessing and addressing research misconduct claims detected through the use of AI-based screening tools:

- AI-based tools make it relatively easy to lodge numerous complaints in a short period.
- An influx of research misconduct claims can lead to numerous workstreams and far-reaching considerations, both within the institution and externally, as shown below.
- Confidentiality requirements attendant to research misconduct review processes can be a complicating factor.

INTERNAL CONSIDERATIONS/IMPLICATIONS



EXTERNAL CONSIDERATIONS/IMPLICATIONS



- Managing these claims and the ensuing reviews can affect, and require input from, many institutional constituencies including:

Lab Members & Staff	Legal
Faculty/PIS	Compliance
Clinical Operations	Human Resources

Research Administration

Information Technology

RI Apparatus

Tech Transfer/IP

Public Relations

Institutional Review Board

Leadership

Philanthropy

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